

QA4EO Daily Report for GOP data:

<u>06/03/2020</u>

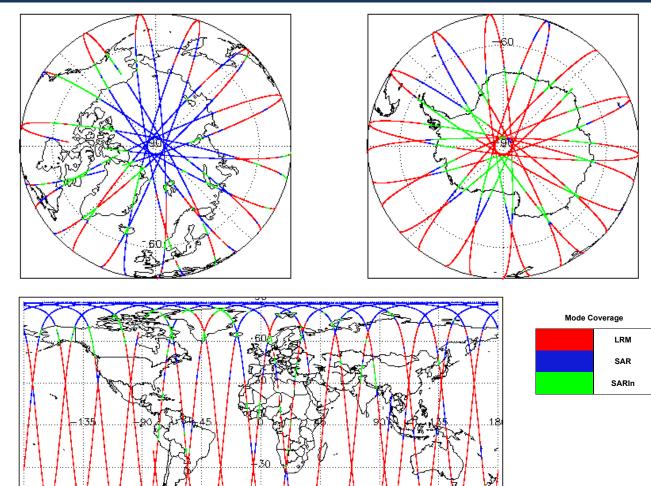
	00.4 mm 0000	Check	L1 & L2	P2P
Report Production:	03-Apr-2020	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Process and the set	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Dete Head	Data Used: Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	Product Format Check	Nominal	Nominal
Data Oseu.		Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7

1. Overview

Mission / Instrument News 05-Mar-2020 None 06-Mar-2020 None

07-Mar-2020 Nothing planned

2. Global Coverage



3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL).
Number of products with errors:
0

80

For all products, a series of pre-defined checks are performed on the MPH and	d SPH in order to identify any inc	onsistencies and/or errors raised by the ground-segment processing chain.				
L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1I OSARIn chains. A modification is required in the next release.	B GOPR and GOPN products be	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 Check						
Each product is checked for missing Data Set Descriptors with respect to a pre	e-determined baseline and also to	o check the validity of Auxiliary Data Files is correct.				
Number of products with errors: 0						
4.4 L1B Auxiliary Correction Error Check						
CryoSat L1B data includes a correction error flag for each measurement recor	d. The bit value of this flag indica	tes any problems when set.				
Number of products with errors: 0						
A 5 L 4D Maaaurament Confidence Date Check						
4.5 L1B Measurement Confidence Data Check						
CryoSat L1B data includes a measurement confidence flag for each measurer	ment record. The bit value of this	flag indicates any problems when set.				
Attitude Correction Missing: This flag is currently set in error for GOPR proc	ducts due to a configuration issue	. This is being investigated and will be updated in the next SW update.				
Number of products with errors: 0	Ũ					
4.6 L 1B Wayoform Group Data Chock						
4.6 L1B Waveform Group Data Check						
4.0 LTB Wavelollin Gloup Data Check						
·	d. The bit value of this flag indica	tes any problems when set.				
CryoSat L1B data includes a waveform data flag for each measurement record	-	tes any problems when set.				
CryoSat L1B data includes a waveform data flag for each measurement record	-	tes any problems when set.				
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for some products over land, but Number of products with errors: 15	-	tes any problems when set. Description				
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for some products over land, but Number of products with errors: 15 Product	this is to be expected.					
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for some products over land, but Number of products with errors: 15 Product CS_OFFL_SIR_GOPM1B_20200306T072050_20200306T072622_C001	this is to be expected.	Description				
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for some products over land, but Number of products with errors: 15 Product CS_OFFL_SIR_GOPM1B_20200306T072050_20200306T072622_C001 CS_OFFL_SIR_GOPM1B_20200306T160732_20200306T160812_C001	this is to be expected. Test Failed Loss of Echo	Description The tracking echo is missing for one or more records				
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for some products over land, but Number of products with errors: 15 Product CS_OFFL_SIR_GOPM1B_20200306T072050_20200306T072622_C001 CS_OFFL_SIR_GOPM1B_20200306T160732_20200306T160812_C001 CS_OFFL_SIR_GOPM1B_20200306T191144_20200306T191628_C001	this is to be expected. Test Failed Loss of Echo Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for some products over land, but Number of products with errors: 15 Product CS_OFFL_SIR_GOPM1B_20200306T072050_20200306T072622_C001 CS_OFFL_SIR_GOPM1B_20200306T160732_20200306T1960812_C001 CS_OFFL_SIR_GOPM1B_20200306T191144_20200306T191628_C001 CS_OFFL_SIR_GOPM1B_20200306T194129_20200306T201437_C001	this is to be expected. Test Failed Loss of Echo Loss of Echo Loss of Echo	Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
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CryoSat L1B data includes a waveform data flag for each measurement record Loss of Echo Flag: This flag is currently set for some products over land, but	this is to be expected.	Description The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				

5. GOP Level 2 Data Quality Check

The tracking echo is missing for one or more records

5.1 L2 Product Format Check

CS_OFFL_SIR_GOPR1B_20200306T074810_20200306T074950_C001

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL). Number of products with errors: 0

5.2 L2 Product Header Analysis

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

Loss of Echo

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

0

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200306T130150_20200306T130245_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_GOPM_2_20200306T201632_20200306T202143_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPM_2_20200306T233959_20200306T234011_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPN_2_20200306T002358_20200306T002616_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_20200306T003245_20200306T003600_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_20200306T011355_20200306T011744_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_20200306T035243_20200306T035400_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_20200306T045231_20200306T045438_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_20200306T052246_20200306T052412_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_20200306T052935_20200306T053242_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_20200306T062553_20200306T062654_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_20200306T070228_20200306T070424_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_20200306T070833_20200306T071203_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_20200306T084310_20200306T084545_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_20200306T093821_20200306T093942_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_20200306T101837_20200306T102432_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_20200306T103148_20200306T103326_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_20200306T111747_20200306T111836_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_20200306T112125_20200306T112349_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_20200306T121056_20200306T121254_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_20200306T125700_20200306T125843_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_20200306T143725_20200306T143808_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_20200306T152112_20200306T152337_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_20200306T165931_20200306T170244_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_20200306T183734_20200306T184129_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_20200306T184659_20200306T184824_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_20200306T192716_20200306T193039_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_20200306T202456_20200306T202638_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_20200306T210323_20200306T210459_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_20200306T210840_20200306T210936_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_20200306T220245_20200306T220500_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_20200306T224236_20200306T224537_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_20200306T233302_20200306T233452_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_20200306T234011_20200306T234017_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPN_2_20200306T234138_20200306T234625_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_20200306T011744_20200306T012630_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_20200306T025436_20200306T030219_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_20200306T043409_20200306T044028_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_20200306T044028_20200306T044326_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_20200306T044725_20200306T044738_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_20200306T060940_20200306T061927_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_20200306T061927_20200306T062103_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_20200306T075200_20200306T075824_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_20200306T075824_20200306T075952_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_20200306T093121_20200306T093708_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_20200306T093708_20200306T093821_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_20200306T111406_20200306T111747_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_20200306T125017_20200306T125659_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_20200306T143204_20200306T143725_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_20200306T160009_20200306T160211_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_20200306T161110_20200306T161907_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_20200306T174939_20200306T175841_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_20200306T193039_20200306T193549_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_20200306T202144_20200306T202149_C001	GPD Wet Tropospheric correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPR_2_20200306T210936_20200306T211518_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_20200306T211532_20200306T211656_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_20200306T213641_20200306T213808_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_20200306T223804_20200306T223953_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_20200306T224850_20200306T224901_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_20200306T224901_20200306T225538_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

> OCOG Altimeter Range and Backscatter Quality Flags: These flags are currently set for some records over continental ice.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200306T000709_20200306T002352_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_20200306T003115_20200306T003245_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_20200306T003640_20200306T011149_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_20200306T013654_20200306T020326_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_20200306T020450_20200306T020954_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_20200306T021557_20200306T024337_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_20200306T024538_20200306T024836_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_20200306T031217_20200306T031440_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_20200306T031445_20200306T032041_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_20200306T032044_20200306T034301_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_20200306T034429_20200306T034908_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_20200306T034911_20200306T035243_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_20200306T035516_20200306T043029_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_20200306T044326_20200306T044518_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_20200306T044738_20200306T045131_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_20200306T050308_20200306T050313_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_20200306T051437_20200306T051721_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_20200306T051920_20200306T052226_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_20200306T052413_20200306T052933_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_20200306T053444_20200306T055743_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_20200306T060029_20200306T060940_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_20200306T062207_20200306T062553_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_20200306T064149_20200306T064637_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_20200306T064824_20200306T070130_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_20200306T070424_20200306T070833_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_20200306T071352_20200306T072041_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_20200306T072050_20200306T072621_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_20200306T072846_20200306T074659_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_20200306T080611_20200306T081147_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_20200306T081318_20200306T083612_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_20200306T084545_20200306T084738_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_20200306T085416_20200306T090119_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_20200306T090129_20200306T091201_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_20200306T091642_20200306T092347_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_20200306T094520_20200306T094812_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_20200306T094851_20200306T095103_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_20200306T095230_20200306T100045_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_20200306T100704_20200306T101804_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_20200306T101816_20200306T101837_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_20200306T102433_20200306T102652_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_20200306T102727_20200306T103148_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_20200306T103326_20200306T104033_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_20200306T104149_20200306T104829_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_20200306T105031_20200306T110512_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_20200306T112810_20200306T113015_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_20200306T113145_20200306T113413_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_20200306T113535_20200306T113942_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_20200306T114343_20200306T115955_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_20200306T120221_20200306T121055_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_20200306T121301_20200306T123558_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_20200306T131512_20200306T133913_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_20200306T134133_20200306T134323_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_20200306T134419_20200306T134857_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_20200306T135150_20200306T135603_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_20200306T135721_20200306T142131_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_20200306T145046_20200306T151816_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_20200306T152337_20200306T152930_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_20200306T160827_20200306T160932_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_20200306T162209_20200306T165715_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_20200306T170244_20200306T170801_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_20200306T170934_20200306T171241_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_20200306T171440_20200306T171628_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_20200306T174137_20200306T174205_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_20200306T174537_20200306T174812_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_20200306T180214_20200306T181049_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_20200306T181334_20200306T183634_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_20200306T184129_20200306T184245_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_20200306T184253_20200306T184659_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_20200306T184832_20200306T190205_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_20200306T190353_20200306T191007_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_20200306T193827_20200306T193839_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_20200306T194129_20200306T201437_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_20200306T201632_20200306T202143_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_20200306T202150_20200306T202156_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_20200306T203243_20200306T210301_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_20200306T210459_20200306T210742_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_20200306T210742_20200306T210839_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_20200306T212315_20200306T213641_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_20200306T213808_20200306T215355_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_20200306T220120_20200306T220245_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_20200306T221010_20200306T222020_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_20200306T222639_20200306T223803_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_20200306T230011_20200306T230018_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_20200306T230048_20200306T231224_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_20200306T231347_20200306T231629_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_20200306T231808_20200306T233252_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_20200306T233452_20200306T233952_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_20200306T233959_20200306T234011_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_20200306T234017_20200306T234026_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_20200306T234625_20200307T001016_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_20200306T050817_20200306T050923_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_20200306T052246_20200306T052412_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_20200306T092348_20200306T092505_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_20200306T151941_20200306T152101_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_20200306T220245_20200306T220500_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_20200306T234138_20200306T234625_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_20200306T035400_20200306T035516_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_20200306T092618_20200306T092631_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_20200306T115955_20200306T120036_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_20200306T160009_20200306T160211_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_20200306T171629_20200306T171843_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_20200306T174939_20200306T175841_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

> OCOG Altimeter Range and Backscatter PLRM Quality Flags: These flags are currently set for occasional records over continental ice.

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Product	Test Failed	Description
		The OCOG Range and Backscatter Quality Flags have been set for one or more records.

C PPL BR 0PH 2 2000007010202 020000710202 0200007102000 020000000000	CS_OFFL_SIR_GOPN_2_20200306T011355_20200306T011744_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
Get Seys. 98. 00PH 2. 2020000110233. 2020000112446 (2001) Proc Description of the Analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an analysia Sector Calaby Flags have been set for one set for an ananany set for an an anany set for an analysia Sector Cal	CS_OFFL_SIR_GOPN_2_20200306T013328_20200306T013654_C001	o	, , , , , , , , , , , , , , , , , , ,
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Displace	CS_OFFL_SIR_GOPN_2_20200306T021338_20200306T021454_C001		
C5 GFL SR GCPL 2 2020000T00220 2020000T00220 (2001) math basester Coding FARM, Coding FAR	CS_OFFL_SIR_GOPN_2_20200306T024836_20200306T025436_C001		
CS_0FH_SR_0CPU_2_000000100042_000000100040_0001 Immediatestate Clustery (FMA, CCC) Immediatestate Clustery (FMA, CCC) CS_0FFL_SR_0CPU_2_000000100041_000000100401_000000100401_00000 CCCO Allmeter Range Clustery (FMA, CCC) The CCCO Range and Backacater Clustery Flags have been set for one or more reaction. CS_0FFL_SR_0CPU_2_000000104001_000000100001000000 CCCO Allmeter Range Clustery (FMA, CCC) The CCCO Range and Backacater Clustery Flags have been set for one or more reaction. CS_0FFL_SR_0CPU_2_000000100000100000000000000000000000	CS_OFFL_SIR_GOPN_2_20200306T030220_20200306T030227_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Construction of the second construction of the	CS_OFFL_SIR_GOPN_2_20200306T035243_20200306T035400_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Carl, Diric, Sam, Gon, J., 2000306110214, 20003061102412, 2001 CCCG Alterete Range Quality PIRM. The CCCG Range and Backscatter Quality Flags have been self or one or none conces. CS, OFFL, SR, GON, J., 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 20003061102026, 200030	CS_OFFL_SIR_GOPN_2_20200306T044611_20200306T044724_C001		, , , , , , , , , , , , , , , , , , ,
CPFL_SR_GOPN_2_20200300106285_20200306105242_001 D000 Backsoater Cuality more moores CS_OFFL_SR_GOPN_2_20200306105242_001 D000 Backsoater Cuality more moores CS_OFFL_SR_GOPN_2_20200306105242_001 D000 Backsoater Cuality more moores CS_OFFL_SR_GOPN_2_20200306105242_001 D000 Backsoater Cuality more moores CS_OFFL_SR_GOPN_2_202003061052542_001 D000 Backsoater Cuality more moores CS_OFFL_SR_GOPN_2_202003061062655_0001 D000 Backsoater Cuality more moores CS_OFFL_SR_GOPN_2_202003061062655_0001 D000 Almeter Range SHA_SVH more moores more moores CS_OFFL_SR_GOPN_2_20200306107/028_2000306107/028_2000306107/028_2000306107/028_2000306107/028_2000306107/028_2000306107/028_2000306107/028_2000306107/028_20001 D0000 Almeter Range SHA_SVH more moores more moores CS_OFFL_SR_GOPN_2_20200306107/028_2000306107/028_20001 D0000 Almeter Range SHA_SVH more moores more moores more moores CS_OFFL_SR_GOPN_2_20200306107/028_2000306107/028_2000306107/028_20001 D0000 Almeter Range SHA_SVH more moores more moores more moores CS_OFFL_SR_GOPN_2_20200306107/028_2000306108/044_001 D0000 Almeter Range SHA_SVH more moores more moores more moores CS_OFFL_SR_GOPN_2_20200306107/028_2000306108/044_001 D0000 A	CS_OFFL_SIR_GOPN_2_20200306T050313_20200306T050335_C001		
GS_OFFL_SIR_GOPN_2_2020000FT052342_C001 and Backscatter Quality PLRM_COOP The Coord Alimeter Range Quality PLRM_COOP CS_OFFL_SIR_GOPN_2_2020000FT052342_C001 OCC0 Alimeter Range Quality PLRM_COOP The COC00 Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2020000FT052342_C001 OCC0 Alimeter Range Quality PLRM_COOP The COC00 Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2020000FT07238_2020030FT074149_C001 OCC0 Alimeter Range Quality PLRM_COOP The OCC00 Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2020030FT074238_2020030FT07424_C001 OCC0 Alimeter Range Quality PLRM_COOP The OCC00 Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2020030FT074238_2020030FT07494.7C001 OCC0 Alimeter Range Quality PLRM_COOP The OCC00 Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2020030FT0748430_2020300FT07494.7C001 OCC0 Alimeter Range Quality PLRM_COOP The OCC00 Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2020030FT0748450_QU201 OCC0 Alimeter Range Quality PLRM_COOP The OCC00 Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2020030FT0748450_QU201 OCC0A Alimeter Range Quality PLRM_COOP The OCC00 Range and Backscatter Quality Flags have been set for one o	CS_OFFL_SIR_GOPN_2_20200306T052246_20200306T052412_C001		
Construction of the c	CS_OFFL_SIR_GOPN_2_20200306T052935_20200306T053242_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20200306T070228_20200306T070424_C001 Occean Altimeter Range. SHA. SWH and Backscatter Quality Flags have been at the additional terms and Backscatter Quality Flags have been at the occean Altimeter Range and Backscatter Quality Flags have been at the occean Altimeter Range and Backscatter Quality Flags have been at the occean Altimeter Range and Backscatter Quality Flags have been at the occean Altimeter Range and Backscatter Quality Flags have been at the occean Altimeter Range Altimeter Range Quality Flags have been at the occean Altimeter Range Altimeter Range Quality Flags have been at the occean Altimeter Range Altimeter Range Quality Flags have been at the occean Altimeter Range Altimeter Range Quality Flags have been at the occean Altimeter Range Altity Flags have been set for one or more record	CS_OFFL_SIR_GOPN_2_20200306T062553_20200306T062654_C001		
GS_OFFL_SIR_GOPN_2_20200306T070228_20200306T070242_C001 Innel Backscatter Quality PLRM. GS_OFFL_SIR_GOPN_2_20200306T070283_20200306T071203_C001 COCO Altimeter Range and Backscatter Quality PLRM. GS_OFFL_SIR_GOPN_2_20200306T070803_20200306T071023_C001 COCO Altimeter Range Quality PLRM. GS_OFFL_SIR_GOPN_2_20200306T080406_20200306T080457_C001 COCO Altimeter Range Quality PLRM. GS_OFFL_SIR_GOPN_2_20200306T080406_20200306T080457_C001 COCO Altimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T080455_C001 COCO Altimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T086454_C001 COCO Altimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T086445_C001 COCO Altimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T086445_C001 COCO Altimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20200306T08438_20200306T08644_C001 COCO Altimeter Range Quality PLRM. CS_OFFL_SIR_GOPN_2_20200306T101537_20200306T111838_C001 COCO Altimeter Range SNA. SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T111272_20200306T111838_C001 COCO Altimeter Range, SNA. SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T111404_2_0200306T111434_C001 COCO Altimeter Range, SNA. SWH and Backscatter Quality Flags have been set for on	CS_OFFL_SIR_GOPN_2_20200306T063827_20200306T064149_C001		
US_OFFL_SIR_GOPN_2_20200306T080466_20200306T080457_C001 OCCG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20200306T080467_C001 OCCG Altimeter Range Quality PLRM. OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T084545_C001 Occan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM. OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T084738_20200306T085044_C001 OCCG Altimeter Range Quality PLRM. OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T1084738_20200306T102432_C001 OCCG Altimeter Range Quality PLRM. OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T111837_20200306T1102432_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM. OCCG Backscatter Quality PLRM. OCCG Backscatter Quality PLRM. The OCCGR Altimeter Range, SSHA, SWH and Backscatter Quality FLRM. OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM. The OCCGR Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T112432_C001 OCCG Altimeter Range Quality PLRM. OCCG Backscatter Quality FLRM. OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_G	CS_OFFL_SIR_GOPN_2_20200306T070228_20200306T070424_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
US_OFFL_SIR_GOPN_2_20200306T084310_20200306T08445_C001 OCCG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T084545_C001 OCGA Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, and Backscatter Quality FLM, OCCG Altimeter Range, and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality FLM, OCCG A	CS_OFFL_SIR_GOPN_2_20200306T070833_20200306T071203_C001		5 J S
CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T084545_C001 and Backscatter Quality PLRM, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T084738_20200306T084545_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T101837_20200306T102432_C001 OCCG Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T111747_20200306T111236_C001 Occan Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T112125_20200306T112349_C001 Occan Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T114044_20200306T1142349_C001 Occan Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T114044_20200306T114345_C001 OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T1127378_20200306T1125453_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T1125700_20200306T112545_C001 OCCG Altimeter Range and Ba	CS_OFFL_SIR_GOPN_2_20200306T080406_20200306T080457_C001		
CS_OFFL_SIR_GOPN_2_20200306T10837_20200306T102432_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20200306T111747_20200306T111836_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality The OCOG Range and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T114024_20200306T114343_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T123738_20200306T124059_C001 OCOG Altimeter Range Albackscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125843_C001 OCOG Altimeter Range Albackscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. </td <td>CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T084545_C001</td> <td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_GOPN_2_20200306T084310_20200306T084545_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20200306T101637_20200306T112836_C001 OCCG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20200306T111747_20200306T111836_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM, The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags hat the OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range and Backscatter Quality Flags hat the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T114024_20200306T114343_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T123738_20200306T124059_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125643_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. <t< td=""><td>CS_OFFL_SIR_GOPN_2_20200306T084738_20200306T085044_C001</td><td></td><td></td></t<>	CS_OFFL_SIR_GOPN_2_20200306T084738_20200306T085044_C001		
CS_OFFL_SIR_GOPN_2_20200306T111747_20200306T111836_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM Ine OCean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T112125_20200306T112349_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T114024_20200306T114343_C001 OCOG Attimeter Range Quality PLRM, OCOG Attimeter Range Quality PLRM, COG G Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T123738_20200306T124059_C001 OCOG Attimeter Range Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T124059_C001 OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125843_C001 OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for o	CS_OFFL_SIR_GOPN_2_20200306T101837_20200306T102432_C001		
CS_OFFL_SIR_GOPN_2_20200306T112125_20200306T112349_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been PLRM The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T114024_20200306T114343_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_20200306T123738_20200306T124059_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_20200306T125700_20200306T125843_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125843_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_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_20200306T134010_20200306T134132_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_20200306T134101_20200306T152317_C001 OCOG Altimeter Range Quality PL	CS_OFFL_SIR_GOPN_2_20200306T111747_20200306T111836_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20200306T114024_20200306T114343_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20200306T123738_20200306T124059_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_20200306T125700_20200306T125843_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T152112_20200306T152337_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200306T112125_20200306T112349_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125843_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125843_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T152112_20200306T152337_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200306T114024_20200306T114343_C001		
CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125843_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_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_20200306T152112_20200306T152337_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20200306T123738_20200306T124059_C001		
CS_OFFL_SIR_GOPN_2_20200306T152112_20200306T152337_C001 OCOG Backscatter Quality more records.	CS_OFFL_SIR_GOPN_2_20200306T125700_20200306T125843_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPN_2_20200306T134010_20200306T134132_C001		
	CS_OFFL_SIR_GOPN_2_20200306T152112_20200306T152337_C001		

Number Landom Kannell, Johnson	CS_OFFL_SIR_GOPN_2_20200306T165931_20200306T170244_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been
et des Les Constantingen de la constantingen d			set for one or more records.
Card, Der, Gel, Card, Card, Card, Card, David, Travel, Card, Der, Der, Der, Der, Der, Der, Der, Der	CS_OFFL_SIR_GOPN_2_20200306T170801_20200306T170916_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
BLCPTL DR. V. M. C. MARKEN IN L. MARKEN INTELLINGT DOCO Sectores de Garty more mode. BLCPTL DR. V. M. CONT, S. 20000001114010, 20000001114010, 2001 DOCO Altered Rays, CAM, PHM. The DOCO Range and Rubescher D. Alter P. Rays, CAM, PHM. BLCPTL DR. V. M. V. M. SCHWART (1990), 20000001114000, 20010000000000000000000000000000000	CS_OFFL_SIR_GOPN_2_20200306T172011_20200306T172015_C001		
Clipper Language Control Contrel Contrecon Control Contro Control Control Control Control Contr	CS_OFFL_SIR_GOPN_2_20200306T173021_20200306T173205_C001		
City, Sing, Gorey, 2, processor means, Journal and Strange, Biology Sing, Sin	CS_OFFL_SIR_GOPN_2_20200306T174032_20200306T174117_C001		
Concerns Description Description <thdescription< th=""> <thdescription< th=""> <t< td=""><td>CS_OFFL_SIR_GOPN_2_20200306T175932_20200306T180001_C001</td><td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></t<></thdescription<></thdescription<>	CS_OFFL_SIR_GOPN_2_20200306T175932_20200306T180001_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Corp. Chr., Sin, Corp. 2, 202000011201420, 202000011201432, C001 COCG Baskscetter Casity Plan. The Cocco Range and Readecatter Casity Plan. CS, DFRL, Sin, COPH, 2, 202000011201420, 202000011201432, C001 OccoG Baskscetter Casity Plan. The Cocco Range and Readecatter Casity Plan. CS, DFRL, Sin, COPH, 2, 202000011201420, 202000011201432, C001 OccoG Baskscetter Casity Plan. The Cocko Attender Range, SSIA, SWIA and Baskscetter Casity Plan. CS, DFRL, Sin, COPH, 2, 202000011201432, C001 OccoG Baskscetter Casity Plan. The Cocko Attender Range, SSIA, SWIA and Baskscetter Casity Plan. CS, DFRL, Sin, COPH, 2, 202000011211632, C001 OccoG Baskscetter Casity Plan. The Cocko Attender Range, SSIA, SWIA and Baskscetter Casity Plan. CS, DFRL, Sin, COPH, 2, 202000011211632, C001 OccoG Baskscetter Casity Plan. The Cocko Attender Range, SSIA, SWIA and Baskscetter Casity Plan. CS, OFFL, Sin, COPH, 2, 202000011221632, C001 OccoG Baskscetter Casity Plan. The Cocko Range and Baskscetter Casity Plan. The Cocko Range and Baskscetter Casity Plan. CS, OFFL, Sin, COPH, 2, 202000011221632, 202000011221632, C001 OccoG Attender Range, SSIA, SWIA and Baskscetter Casity Plan. The Cocko Range and Baskscetter Casity Plan. The Cocko Range and Baskscetter Casity Plan. CS, OFFL, Sin, COPH, 2, 202000011221632, 202000011221632, C001 OccoG Attender Range, SSIA, SWIA and Baskscetter Casity Plan. The Cocko Range and	CS_OFFL_SIR_GOPN_2_20200306T191007_20200306T191037_C001		
CS_DFT_ST_GC_UND_C_20000061724/03_20000001724/03_20001 DOOD Backsouth Calify File Vood A CS_OFT_ST_GT_QC_UND_C_20000001721/03_20001 DOOD Backsouth Calify File Vood A CS_OFT_ST_GT_QC_UND_C_20000001721/03_20001 DOOD Backsouth Calify File Vood A CS_OFT_ST_GT_QC_UND_C_20000001721/03_20001 Doot Calify File Vood A CS_OFT_ST_GT_QC_UND_C_20000001721/03_20001 Doot Calify File Vood A CS_OFT_ST_GT_QC_UND_C_20000001721/03_20001 Doot Calify File Vood A CS_OFT_ST_GT_QC_UND_C_20000001722/03_2000001722/03_20001 Doot Calify File Vood A CS_OFT_ST_GT_QC_UND_C_20000001722/03_2000001722/03_2000001722/03_2000001722/03_2000001722/03_2000001722/03_20000001722/03_20000001722/03_2000001722/03_2000001722/03_2000001722/03_20000001722/03_20000001722/03_20000001722/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_2000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000172/03_2000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000172/03_20000000000000000000000000000000000	CS_OFFL_SIR_GOPN_2_20200306T191056_20200306T191144_C001		
CB_OFFL_SR_GOPN_2_2000000T201460_20000GT201632_001 and Datascater Quality Flags Number Set Term and Datascater	CS_OFFL_SIR_GOPN_2_20200306T192716_20200306T193039_C001		
G8_OFFL_SIR_GOPN_2_2020000F121040_202000F121030_C011 and Backstatter Duality PLRN_COC0 The Ocean Atlimeter Range, SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_2020000F121040_2020000F121032_C001 OCC0 Atlimeter Range, SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_20200000F1224428_2020000F1224428_C001 OCC0 Atlimeter Range, SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_20200000F1224428_2020000F1224428_C001 OCC0 Atlimeter Range, SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_2020000F1224428_2020000F1224459_C001 OCC0 Atlimeter Range, SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_2020000F1224459_C001 OCC0 Atlimeter Range, SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_2020000F1224459_C001 OCC0 Atlimeter Range, SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_2020000F1224459_C001 OCC0 Atlimeter Range Quality PLRN, COCG The Ocean Atlimeter Range SSHA, SWH and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_2020000F1224459_C001 OCC0 Atlimeter Range Quality PLRN, COCG The OCOS Range and Backstatter Quality, Plags have been set for one or more records. C8_OFFL_SIR_GOPN_2_20200000F1204402_C001 OCC0 Atlimet	CS_OFFL_SIR_GOPN_2_20200306T201450_20200306T201632_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
G8_OFFL_SIR_GOPN_2_20200306T214158_202003 and backscatter Quality PLRN, QCOC Allmeter Range and Backscatter Quality PLRN, RMMeter Range and Backscatter Quality PLRN, CCOC Allmeter Range August PLRN, The OCOC Range and Backscatter Quality PLRN, SVH and Backscatter Quality PLRN, CCOC Allmeter Range SMA, SVH and Backscatter Quality PLRN, CCOC Allmeter Range SMA, SVH and Backscatter Quality PLRN, CCOC Allmeter Range SMA, SVH and Backscatter Quality PLRN, CCOC Allmeter Range SMA, SVH and Backscatter Quality PLRN, CCOC Allmeter Range SMA, SVH and Backscatter Quality PLRN, CCOC Allmeter Range SMA, SVH and Backscatter Quality PLRN, CCOC Allmeter Range August PLRN, CCOC Allmet	CS_OFFL_SIR_GOPN_2_20200306T210840_20200306T210936_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CBDPTL_SIR_GOPR_2_A000308122402 COCOB Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_202030817244236_202030817244337_C001 CocoB Backscatter Quality Files NA, SWH and Backscatter Quality Files Nave been set for one or more records. CS_OFFL_SIR_GOPN_2_202030817244236_202030817244537_C001 CocoB Backscatter Quality Files Nave been set for one or more records. CS_OFFL_SIR_GOPN_2_202030817244236_202030817244532_C001 Cocean Alterneter Range, SSHA, SWH and Backscatter Quality Files Nave been set for one or more records. CS_OFFL_SIR_GOPN_2_20203081724438_202030817244525_C001 CocoA Alterneter Range, SUBA, SWH and Backscatter Quality Files Nave been set for one or more records. CS_OFFL_SIR_GOPN_2_202030817234422_C001 COCOA Banketer Range Quality FIRM, toro or more records. CS_OFFL_SIR_GOPN_2_202030817234138_202030817234625_C001 COCOA Alterneter Range Quality FIRM, toro or more records. CS_OFFL_SIR_GOPR_2_20203081700010_202030817000114_C001 COCOA Alterneter Range Quality FIRM, toro or more records. CS_OFFL_SIR_GOPR_2_20203081700011_202030817000114_C001 COCOA Alterneter Range Quality FIRM, toro or more records. CS_OFFL_SIR_GOPR_2_20203081700011_202030817000114_C001 COCOA Alterneter Range Quality FIRM, toro or more records. CS_OFFL_SIR_GOPR_2_20203081700011_202030817000100_2020 COCOA Alterneter Range Quality FIRM, toro or more records. CS_OFFL_SIR_GOPR_2_20203081700011_202030817000700_C001 <td< td=""><td>CS_OFFL_SIR_GOPN_2_20200306T211518_20200306T211532_C001</td><td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></td<>	CS_OFFL_SIR_GOPN_2_20200306T211518_20200306T211532_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_2020306T22429_2020306T224537_C001 and Backsatter Quality PLRM, COCO Attimuter Range, SSHA, SWH and Backsatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T224769_C020306T224759_C011 OCCOA Attimuter Range, SSHA, SWH and Backsatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T23302_2020306T23452_C001 OCCOA Attimuter Range QUality PLRM, OCCOS Backsatter Quality The OCCOA Range and Backsatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T234139_20200306T23462_C001 OCCOA Attimuter Range QUality PLRM, OCCOS Backsatter Quality The OCCOA Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T00010_20200306T000114_C001 OCCOA Attimuter Range QUality PLRM, OCCOG Backscatter Quality The OCCOA Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T00010_20200306T000509_C001 OCCOA Attimuter Range QUality PLRM, OCCOA Backscatter Quality The OCCOA Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T011724122020306T013221_C001 OCCOA Attimuter Range SSHA, SWH and Backscatter Quality PLRM, OCCOA Attimuter Range ASHA, SWH and Backscat	CS_OFFL_SIR_GOPN_2_20200306T222402_20200306T222426_C001	0	
CS_OFFL_SIR_GOPN_2_20200306T22458_20200306T224758_C001 and Backscatter Quality PLRM_COCOG and Backscatter Quality PLRM_COCOG CS_OFFL_SIR_GOPN_2_20200306T234362_C001 QCCG Altimeter Range Quality PLRM, The QCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T234362_C001 QCCG Altimeter Range Quality PLRM, The QCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20200306T234138_20200306T234625_C001 QCCG Altimeter Range Quality PLRM, The QCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T00010_20200306T000114_C001 QCCG Altimeter Range Quality PLRM, The QCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T000117_20200306T000509_C001 QCCG Altimeter Range Quality PLRM, The QCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T000515_20200306T000709_C001 QCCG Altimeter Range Quality PLRM, The QCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T0117241_20200306T013231_Q001 QCCG Altimeter Range Quality PLRM, The QCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T013231_Q00306T013231_Q001 QCCG Altimeter Range, SSH, SWH and Backscatter Quality Flags have been set for one or more records. T	CS_OFFL_SIR_GOPN_2_20200306T224236_20200306T224537_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200306T234138_20200306T234625_C001 OCOG Backscatter Quality Inore records. CS_OFFL_SIR_GOPR_2_20200306T00010_20200306T000114_C001 OCOG Allimeter 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_20200306T000117_20200306T000509_C001 OCOG Allimeter 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_20200306T000515_20200306T000509_C001 OCOG Allimeter 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_20200306T0100515_20200306T000709_C001 OCOG Allimeter 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_20200306T011744_20200306T012630_C001 OCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCOG Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T013221_2000306T013221_C001 OCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records. Cs_OFFL_SIR_GOPR_2_20200306T030219_C001 OCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records.	CS_OFFL_SIR_GOPN_2_20200306T224636_20200306T224758_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200306T000010_20200306T000114_C001 OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T000010_20200306T000509_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T000515_20200306T000709_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T000515_20200306T000709_C001 OCOG Altimeter Range, SHA, SWH The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T011744_20200306T012630_C001 OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T013231_20200306T013321_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030219_C001 OCGA Altimeter Range Quality PLRM, OCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030219_C001 OCGA Altimeter Range, ALS, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030511_C001 Ocean A	CS_OFFL_SIR_GOPN_2_20200306T233302_20200306T233452_C001		
CS_OFFL_SIR_GOPR_2_202003061000117_202003061000114_2020 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_202003061000117_202003061000019_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_202003061000515_202003061000709_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_202003061011744_202003061012630_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality The OCOG Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_202003061013231_20200306101321_C001 OCOG Altimeter Range Quality The OCOG Range and Backscatter Quality The OCOG Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_202003061013231_2001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality The OCOG Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_202003061030219_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Qualit	CS_OFFL_SIR_GOPN_2_20200306T234138_20200306T234625_C001		
CS_OFFL_SIR_GOPR_2_20200306T000515_20200306T000709_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20200306T000515_20200306T000709_C001 OCOG Altimeter Range Quality PLRM, OCOG The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T011744_20200306T012630_C001 Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T013231_20200306T013321_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T013231_20200306T013321_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T025436_20200306T030219_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030511_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T031141_20200306T031217_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T031141_20200306T031217_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOP	CS_OFFL_SIR_GOPR_2_20200306T000010_20200306T000114_C001		
CS_OFFL_SIR_GOPR_2_202003061000/19_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20200306T011744_20200306T012630_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T013231_20200306T013321_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_20200306T025436_20200306T030219_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030511_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPR_2_20200306T031141_20200306T031217_C001 Ocean Altimeter Range and Backscatter Quality The Ocean Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_20200306T031247_C001 OCGG Altimeter Range Quality The OCCG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_20200306T031247_C001 OCGG Altimeter Range Quality The OCCG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPR_2_20200306T034059_20200306T044028_C001 OCCGG Altimeter Range Quality The OCCG Altim	CS_OFFL_SIR_GOPR_2_20200306T000117_20200306T000509_C001		
CS_OFFL_SIR_GOPR_2_20200306T011744_20200306T012630_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T031141_20200306T031217_C001 OCC0G Altimeter Range Quality PLRM, OCOG Altimeter Range ASHA, SWH and Backscatter Quality The OCC0G Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001 OCC0G Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range	CS_OFFL_SIR_GOPR_2_20200306T000515_20200306T000709_C001		
CS_OFFL_SIR_GOPR_2_20200306T013231_20200306T013321_2001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20200306T025436_20200306T030219_C001 Cean 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, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030511_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T031141_20200306T031217_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001 OCean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200306T011744_20200306T012630_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200306T025436_20200306T030219_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM In Bocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality FLRM CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030511_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags hat the OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200306T013231_20200306T013321_C001		
CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030511_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM ind the OCGA Altimeter Range and Backscatter Quality Flags have been and the OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T031141_20200306T031217_C001 OCOG Altimeter Range Quality OCOG Backscatter Quality The OCGA Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001 OCGA Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200306T025436_20200306T030219_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20200306T030415_20200306T030511_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPR_2_20200306T031141_20200306T031217_C001		
	CS_OFFL_SIR_GOPR_2_20200306T043409_20200306T044028_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPR_2_20200306T044725_20200306T044738_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_20200306T051306_20200306T051437_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_20200306T060940_20200306T061927_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_20200306T074731_20200306T074756_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_20200306T074810_20200306T074950_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_20200306T074953_20200306T075005_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_20200306T075200_20200306T075824_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_20200306T080005_20200306T080406_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_20200306T083956_20200306T084310_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_20200306T093121_20200306T093708_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_20200306T093708_20200306T093821_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_20200306T104829_20200306T105008_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_20200306T111342_20200306T111406_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_20200306T111406_20200306T111747_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_20200306T111959_20200306T112125_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_20200306T112350_20200306T112504_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_20200306T124917_20200306T125017_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_20200306T125017_20200306T125659_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_20200306T130245_20200306T130422_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_20200306T143004_20200306T143142_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_20200306T143204_20200306T143725_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_20200306T144850_20200306T145046_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_20200306T151817_20200306T151941_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_20200306T160529_20200306T160732_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_20200306T160932_20200306T161044_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_20200306T161110_20200306T161907_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_20200306T174939_20200306T175841_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_20200306T175904_20200306T175932_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_20200306T180001_20200306T180213_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_20200306T191628_20200306T192327_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_20200306T192327_20200306T192454_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_20200306T193039_20200306T193549_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_20200306T193549_20200306T193827_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_20200306T210936_20200306T211518_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_20200306T212146_20200306T212208_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_20200306T212220_20200306T212224_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_20200306T212236_20200306T212251_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_20200306T213641_20200306T213808_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Occean Altimeter Range, SSHA, SWH 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_20200306T220500_20200306T221010_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_20200306T222427_20200306T222639_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_20200306T223804_20200306T223953_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_20200306T224537_20200306T224636_C001	Occos Backscatter Quality 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		
CS_OFFL_SIR_GOPR_2_20200306T224901_20200306T225538_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.		
L2 Quality Flags (1 Hz & 1Hz PLRM)				
Currently, there are several common flags raised in the Level 2 products, v	which are summarised below.			
> 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for p	roducts over sea ice, which is to be expected	I.		
Number of products with errors: 200				
5.8 L2 Ocean Retracking Quality Check				
L2 Retracking Flags (20Hz)				
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measu	irement record. The bit value of this flag indic	ates any problems when set.		
Ocean Retracking Quality Flag: This flag is currently set for products over land	d and sea ice, but this is to be expected. The	number of products with this error flag set is given below.		
Number of products with errors: 66				
L2 Retracking Flags (20Hz, PLRM)				
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM	measurement record. The bit value of this fla	ag indicates any problems when set.		
Ocean Retracking Quality Flag (PLRM): This flag is currently set for products	GOPR and GOPN products over sea ice, but	t this is to be expected.		
Number of products with errors: 143				
6. GOP L2 Pole-to-Pole Data Quality Check				
6.1 P2P Product Format Check				
Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc). Number of products with errors: 0				
6.2 P2P Product Header Analysis				
6.2 P2P Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH and	SPIL in order to identify any increasing of	and/or arrare raised by the ground assess to second a second to second a second to second a second		

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

0

Currently, there are some common auxiliary correction errors raised in the Level 2 products 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_GOP_2_20200305T234126_20200306T003101_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography height for one or more records
CS_OFFL_SIR_GOP_2_20200306T003101_20200306T012040_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_20200306T012040_20200306T021014_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_20200306T021014_20200306T025954_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_220200306T025954_20200306T034928_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_20200306T034928_20200306T043907_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_20200306T043907_20200306T052842_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_20200306T052842_20200306T061821_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_20200306T061821_20200306T070755_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_20200306T070755_20200306T075734_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_20200306T075734_20200306T084708_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_20200306T084708_20200306T093648_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_220200306T093648_20200306T102622_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20200306T102622_20200306T111601_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_220200306T111601_20200306T120536_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220200306T120536_20200306T125515_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_220200306T125515_20200306T134449_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20200306T134449_20200306T143429_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_220200306T143429_20200306T152403_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20200306T152403_20200306T161342_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_20200306T161342_20200306T170317_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_20200306T170317_20200306T175256_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_20200306T175256_20200306T184230_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_220200306T184230_20200306T193209_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220200306T193209_20200306T202144_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_20200306T202144_20	200306T211123_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_220200306T211123_20	200306T220057_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_220200306T220057_20	200306T225036_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_220200306T225036_20	200306T234011_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_20200306T234011_20	200307T002950_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	e Data Check					
CryoSat P2P data includes a measurement confid	dence flag for each 20-Hz measi	urement record. The bit value of this flag in	dicates any problems when set.			
Number of products with errors:	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: 0					
•						
6.6 P2P Measurement Quality Fla	6.6 P2P Measurement Quality Flag Check					
P2P Quality Flags (20Hz)						
CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.						
Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.						
Number of products with errors:	30					
P2P Quality Flags (20Hz PLRM)						
Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.						
Number of products with errors:	28					
P2P Quality Flags (1 Hz & 1Hz PLRM	0					
Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.						
Number of products with errors:	30					
6.8 P2P Ocean Retracking Quality	y Check					
P2P Retracking Flags (20Hz) Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.						
Ocean Retracking Quality Flag (PLRM): This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.						
Number of products with errors:	28					

P2P Retracking Flags PLRM

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

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

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