

QA4EO Daily Report for GOP data:

<u>13/05/2022</u>

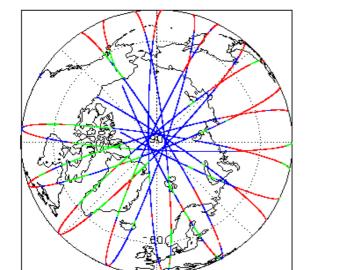
IDEAS-QA4E0

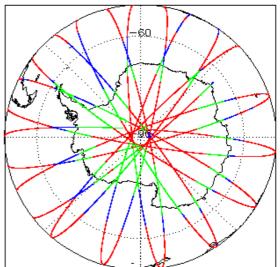
an aut Draduation.	14 lum 0000	Check	L1 & L2	P2P
eport Production:	14-Jun-2022	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CrucEst Occan Brasson	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Usea:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
Data Used:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
		QCC Error/ Warning Check	See Section 7.1, 7.2 and 7.3	See Section 7.1, 7.2 and 7.3

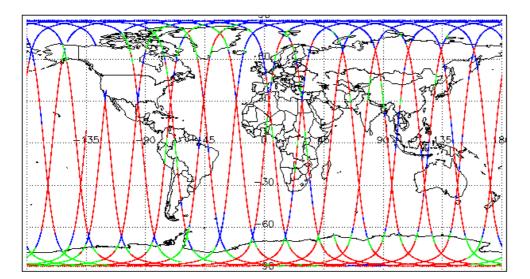
1. Overview

Mission / Instru	Mission / Instrument News		
12-May-2022	None		
13-May-2022	None		
14-May-2022	Nothing planned		













3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

0

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

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B Product Header Analysis					
For all products, a series of pre-defined checks are performed on the MPH and SPI	H in order to identify any inconsistencies a	nd/or errors raised by the ground-segment processing chain.			
L1B Processing Quality HR: The 11b_proc_flag_hr flag is currently set all L1B GO OSARIn chains. A modification is required in the next release.	PR and GOPN products because 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-dete	ermined baseline and also to check the va	lidity of Auxiliary Data Files is correct.			
Number of products with errors: 0					
4.4 L1B Auxiliary Correction Error Check					
CryoSat L1B data includes a correction error flag for each measurement record. Th	e bit value of this flag indicates any proble	ms when set.			
Number of products with errors: 0	······································				
4.5 L1B Measurement Confidence Data Check					
CryoSat L1B data includes a measurement confidence flag for each measurement in					
Attitude Correction Missing: This flag is currently set in error for GOPR products Number of products with errors: 0	due to a configuration issue. This is being	investigated and will be updated in the next SW update.			
Number of products with errors: 0					
4.6 L1B Waveform Group Data Check					
•	- hit webve of this floor indicator and much law				
CryoSat L1B data includes a waveform data flag for each measurement record. The Loss of Echo Flag: This flag is currently set for some products over land, but this i		ing which Sel.			
Number of products with errors: 22					
	Toot Foiled	Description			
Product CS_OFFL_SIR_GOPM1B_20220513T073000_20220513T074236_C001	Test Failed Loss of Echo	Description The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPM1B_20220513T170705_20220513T172235_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPM1B_20220513T172313_20220513T172418_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPM1B_20220513T190227_20220513T191853_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220513T025316_20220513T025357_C001 CS_OFFL_SIR_GOPN1B_20220513T052710_20220513T052854_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220513T060638_20220513T061047_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220513T071008_20220513T071148_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220513T074711_20220513T075135_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220513T175038_20220513T175159_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220513T183046_20220513T183657_C001 CS_OFFL_SIR_GOPN1B_20220513T210912_20220513T211408_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20220513T011355_20220513T012143_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20220513T025357_20220513T030438_C001	Loss of Echo	The tracking echo is missing for one or more records			
5 600	Level 2 Data Quality Che	ack			
	Level 2 Data Quality On				
5.1 L2 Product Format Check					
Each product, retrieved and unpacked from the science server, is checked to ensur	re it consists of both an XML header file (.H	IDR) and a NetCDF product file (.nc).			
Number of products with errors: 0					
5.2 L2 Product Header Analysis					
For all products, a series of pre-defined checks are performed on the MPH and SPI	H in order to identify any inconsistencies a	nd/or errors raised by the ground-segment processing chain.			
Number of products with errors: 0					
5.3 L2 Auxiliary Data File Usage Check					
Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.					
ach product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.					
5.4 L2 Auxiliary Correction Error Check					
For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767).					
Currently, there are some common auxiliary correction errors raised in the Level 2 products that are expected, due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues that may arise from this test.					
> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below.					
> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.					
> Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.					
Number of products with errors: 59					
Product	Test Failed	Description			
CS_OFFL_SIR_GOPM_2_20220513T010315_20220513T010323_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records			
CS_OFFL_SIR_GOPM_2_20220513T130502_20220513T130558_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_20220513T002243_20220513T002631_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_20220513T010135_20220513T010314_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_20220513T011302_20220513T011355_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_20220513T020221_20220513T020537_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_20220513T021050_20220513T021211_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_20220513T042859_20220513T043119_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), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220513T043211_20220513T043330_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_20220513T060638_20220513T061047_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20220513T061120_20220513T061242_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_20220513T070532_20220513T070810_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_20220513T074711_20220513T075135_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20220513T084447_20220513T084811_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_20220513T092608_20220513T092958_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_20220513T102554_20220513T102718_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_20220513T124252_20220513T124413_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20220513T133501_20220513T133627_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_20220513T134151_20220513T134503_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_20220513T151440_20220513T151554_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_20220513T152051_20220513T152414_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_20220513T165528_20220513T165804_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_20220513T165957_20220513T170623_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_20220513T175038_20220513T175159_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20220513T183046_20220513T183657_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_20220513T192958_20220513T193101_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_20220513T202315_20220513T202503_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_20220513T210912_20220513T211408_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20220513T233350_20220513T233559_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), the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide (solution 1: GOT and solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPR_2_20220513T011355_20220513T012143_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_20220513T025357_20220513T030438_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_20220513T043330_20220513T044100_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_20220513T061242_20220513T061803_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_20220513T070810_20220513T071007_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records

CS_OFFL_SIR_GOPR_2_20220513T075136_20220513T075518_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_20220513T075518_20220513T075840_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_20220513T084811_20220513T084946_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_20220513T092958_20220513T093509_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_20220513T093544_20220513T093813_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPR_2_20220513T110651_20220513T111545_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_20220513T124617_20220513T124858_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_20220513T124859_20220513T125552_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_20220513T125721_20220513T125934_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_20220513T130313_20220513T130501_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_20220513T142125_20220513T143141_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_20220513T143141_20220513T143309_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_20220513T160403_20220513T161040_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_20220513T161040_20220513T161617_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_20220513T174326_20220513T174922_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_20220513T174922_20220513T175038_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_20220513T181300_20220513T181514_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPR_2_20220513T192321_20220513T192406_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPR_2_20220513T192535_20220513T192721_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_20220513T192721_20220513T192958_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_20220513T193911_20220513T194021_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_20220513T211428_20220513T211710_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records

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 (20 Hz)

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

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

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

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

87

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220512T234759_20220513T001952_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220513T002632_20220513T003217_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_20220513T003358_20220513T003958_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220513T010539_20220513T010725_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_20220513T011012_20220513T011032_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_20220513T012520_20220513T015902_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_20220513T021350_20220513T023205_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_20220513T030438_20220513T033239_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_20220513T033250_20220513T033753_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_20220513T034345_20220513T034538_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_20220513T034545_20220513T034958_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_20220513T035338_20220513T041925_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_20220513T042055_20220513T042745_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_20220513T043119_20220513T043210_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_20220513T044359_20220513T044706_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_20220513T044728_20220513T045840_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_20220513T045952_20220513T050410_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_20220513T051055_20220513T051718_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_20220513T051915_20220513T052438_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_20220513T052457_20220513T052710_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_20220513T053547_20220513T054707_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_20220513T054940_20220513T055932_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_20220513T060007_20220513T060629_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_20220513T062818_20220513T063911_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_20220513T064416_20220513T064936_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220513T064949_20220513T065608_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220513T065843_20220513T070338_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_20220513T070414_20220513T070532_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_20220513T071208_20220513T071622_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_20220513T073000_20220513T074236_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

CDU-CHILL STRUCTURE LATER OF THREE INCOMESSION Description of the structure charge in	CS_OFFL_SIR_GOPM_2_20220513T080946_20220513T080953_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CH DEF: UN COMP. 2 INCOMENTANES BERGENTINGS and Balance Tuber, Page And Balance	CS_OFFL_SIR_GOPM_2_20220513T082014_20220513T083518_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Bits, Dere, Jee, Open, Q. (2000) STITUDES, 2000) STITUDES, CODE av8.88.80.8000 Case, Microsoft Reage, av8.88.80.8000 Case, Microsoft Reage, Stitu, Stitudes, Reage, Stitudes, Re	CS_OFFL_SIR_GOPM_2_20220513T084946_20220513T091257_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CH. UPL CH. CUM. CALMARK HIGHER, 20000 (1917)21 (2010) Badacate Cuary for one mere result. CR_UPT_SR_UOPA_2.00005 (1719)22, 20005 (1719	CS_OFFL_SIR_GOPM_2_20220513T091259_20220513T091608_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
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Displace Basketter Guity terr one or more records CS_OFR_SIR_00PM_2_00200131105007_00200311105007_002003101105007_00200310105007_00200310105007_00200310105007_00200310105007_00200300 Deck Altimeter Range, SPIA, SVII terr one or more records CS_OFR_SIR_00PM_2_00200131105007_002003011105007_00200301 DOGS Altimeter Range and Buscatter Cuity, Figs Tree Users The Count Altimeter Range, SPIA, SVII and Buscatter Cuity, Figs Tree Users CS_OFR_SIR_00PM_2_00200131110508_00201301100102_0001 DOGS Altimeter Range Cuity, OCCO The COUR Altimeter Range and Buscatter Cuity, Figs Tree Users CS_OFR_SIR_00PM_2_00200131110508_0001 DOGS Altimeter Range Cuity, OCCO The COUR Altimeter Range and Buscatter Cuity, Figs Tree Users CS_OFR_SIR_00PM_2_00200151110508_0001 DOGS Altimeter Range Cuity, OCCO The COUR Altimeter Range and Buscatter Cuity, Figs Tree Users CS_OFR_SIR_00PM_2_0020051110018_0001 DOGS Altimeter Range Cuity, OCCO The COUR Altimeter Range and Buscatter Cuity, Figs Tree Users CS_OFR_SIR_00PM_2_0020051110018_0001 DOCSA Altimeter Range Cuity, OCCO The COUR Altimeter Range and Buscatter Cuity, CUI Plags CS_OFR_SIR_00PM_2_0020051110018_0001 DOCSA Altimeter Range Cuity, CUCO The COUR Altimeter Range and Buscatter Cuity, Figs Tree User Range Cuity, Figs Tree U	CS_OFFL_SIR_GOPM_2_20220513T101009_20220513T101432_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS DFRL SIR 00PM 2: 202205131105549 (2001 Anteste Range and Basksatten Quality Flags have been and the COOC Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR Antester Range and Basksatten Quality Flags have been and the COOR A	CS_OFFL_SIR_GOPM_2_20220513T101815_20220513T102207_C001		
OS, DFRL_SIR_GOPM_2_202261311108_20226131116446_0011 and Backsterior Couliny, OCCA and the COCIA Alteretor Range and Backsterior Couliny, Flags have been set for one inner records. OS, OFRL_SIR_GOPM_2_20226131110455_00220131120152_C001 OCCG Alteretor Range Caulty, OCCA The COCIA Alteretor Range and Backsterior Caulty, Flags have been set for one inner records. OS_OFRL_SIR_GOPM_2_20226131110455_00220131120152_C001 OCCG Alteretor Range Caulty, OCCA The COCIA Alteretor Range and Backsterior Caulty, Flags have been set for one inner records. OS_OFRL_SIR_GOPM_2_20226131120458_00201 Cocean Alteretor Range, SSHA, SVH and Backsterior Caulty, Flags have been set for one inner records. The COCIA Alteretor Range and Backsterior Caulty, Flags have been set for one inner records. OS_OFRL_SIR_GOPM_2_20226131120458_00201 Cocean Alteretor Range, SSHA, SVH and Backsterior Caulty, Flags have been set for one inner records. OS_OFFL_SIR_GOPM_2_20226131130788_00202 02226131130598_0001 Booksterior Caulty, Cocea Alteretor Range and Backsterior Caulty, Flags have been set for one or inner records. OS_OFFL_SIR_GOPM_2_20226131130788_00206131138591_0001 Cocean Alteretor Range SSHA, SVH and Backsterior Caulty, Flags have been set for one or inner records. OS_OFFL_SIR_GOPM_2_20226131130782_00206131138591_0001 Cocean Alteretor Range SSHA, SVH and Backsterior Caulty, Flags have been set for one or inner records. OS_OFFL_SIR_GOPM_2_20226131132612_00206131138591_0001 COCEA Alteretor Range SSHA, SVH and Backsterior Caulty,	CS_OFFL_SIR_GOPM_2_20220513T102907_20220513T105549_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Construction Biodecaster Qualty procession QS, OFFL_SIR_GOPM_2_20220513T120127_20220513T120468_0001 Biodecaster Qualty_GODG The OCOG Altimeter Range SIAL SWH and Biodecaster Qualty Flags have been set for one or more records QS, OFFL_SIR_GOPM_2_20220513T120469_20220513T120469_20220513T120469_20220513T120459_20220513T120459_20220513T120459_20220513T120459_20220513T120502_20200_202005_20200_2	CS_OFFL_SIR_GOPM_2_20220513T112708_20220513T115445_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control Series (SPPL 2. 002205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120849_202205131120859_20200 Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescarter Quality Flags have been set for de or more records Control Rescareter Quality Flags have been set for de or more records Control	CS_OFFL_SIR_GOPM_2_20220513T115635_20220513T120122_C001		
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OF OPIN 2, 202205131130738_202205131131552_0001 Backscatter Quality Tor one or more records CS_OFFL_SIR_GOPM_2_202205131130738_202205131131552_0001 Core A Kinster Range SSHA, SWH and the COSC A Kinneter Range and Backscatter Quality Flags have been Attender Range Quality, OCOG The OCOG A Kinneter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202205131132152_002005131132531_0001 Cocon A Kinneter Range Quality, OCOG The OCOG A Kinneter Range, SSHA, SWH and the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality, COOG Atter Range and Backscatter Quality Flags have been at the OCOG A Kinneter Range and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG A Kinneter Range and Backscatter Quality Flags have be	CS_OFFL_SIR_GOPM_2_20220513T120849_20220513T124252_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T13738_20220513T13552_001 and Backscatter Quality. COCG Altimeter Range and Backscatter Quality. COCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T132743_20220513T13253_0011 OCCG Altimeter Range Quality, OCCG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T132743_20220513T132336_0011 Ocean Altimeter Range and Backscatter Quality. COCG Altimeter Range. SNA, SWH and Backscatter Quality. Flags have been and the OCCG Altimeter Range. SNA, SWH and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range. SNA, SWH and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have been and the OCCG Altimeter Range and Backscatter Quality. Flags have bee	CS_OFFL_SIR_GOPM_2_20220513T130502_20220513T130558_C001		о , о
US_OFFL_SIR_GOPM_2_20220513T132P32_20220513T132P33_C001 Backscatter Quality for one or more records GS_OFFL_SIR_GOPM_2_20220513T132P33_20220513T132P33_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCGG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and the OCGG Altimeter Range, SSHA, SWH and Backscatter Quality, COCG So OFFL_SIR_GOPM_2_20220513T133627_20220513T134515_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records GS_OFFL_SIR_GOPM_2_20220513T134618_20220513T140956_C001 OCGG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and the OCGG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records GS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been Altimeter Range and Backscatter Quality, COCG Altimeter Ran	CS_OFFL_SIR_GOPM_2_20220513T130738_20220513T131552_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T132743_20220513T132336_C001 and Backscatter Quality COGG Attimeter Range and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality Set for one or more records CS_OFFL_SIR_GOPM_2_20220513T133135_20220513T133325_C001 Cean Altimeter Range, SHA, SWH and Backscatter Quality The Ocean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T133627_20220513T133627_20220513T144151_C001 COCG Altimeter Range Quality, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T14618_20220513T140956_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been for one or more records CS_OFFL_SIR_GOPM_2_20220513T142124_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Qualit	CS_OFFL_SIR_GOPM_2_20220513T132152_20220513T132531_C001	o	
CS_OFFL_SIR_GOPM_2_20220513T133135_20220513T133325_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_GOPM_2_20220513T133627_20220513T134151_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_20220513T134618_20220513T140956_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The OCCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality The OCean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH <b< td=""><td>CS_OFFL_SIR_GOPM_2_20220513T132743_20220513T132936_C001</td><td>and Backscatter Quality, OCOG</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></b<>	CS_OFFL_SIR_GOPM_2_20220513T132743_20220513T132936_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T134818_20220513T140956_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20220513T134818_20220513T140956_C001 Ocean Atimeter Range, SSHA, SWH and Backscatter Quality The Ocean Atimeter Range, SSHA, SWH and the OCOG Atimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 Ocean Atimeter Range, SSHA, SWH and Backscatter Quality The Ocean Atimeter Range, SSHA, SWH and the OCOG Atimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 Ocean Atimeter Range, SSHA, SWH and Backscatter Quality The Ocean Atimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T143430_20220513T143744_C001 Ocean Atimeter Range, SSHA, SWH and Backscatter Quality The Ocean Atimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T143743_C001 Ocean Atimeter Range, SSHA, SWH and Backscatter Quality The Ocean Atimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T145357_20220513T151214_C001 Ocean Atimeter Range and Backscatter Quality The Ocean Atimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220513T151552_20220513T152050_C001 OCOG Atimeter Range Quality, OCOG Atimeter Range and Backscatter Quality The Ocean Atimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T152720_20220513T155946_C001 OCOG Atimete	CS_OFFL_SIR_GOPM_2_20220513T133135_20220513T133325_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T134818_20220513T140956_C001 and Backscatter Quality, COCG and the OCCG Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, COCG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, COCG CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at for one or more records CS_OFFL_SIR_GOPM_2_20220513T143430_20220513T143744_C001 Ceean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been as to ro ne or more records CS_OFFL_SIR_GOPM_2_20220513T145357_20220513T151214_C001 Coean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at Altimeter Range and Backscatter Quality, OCOG The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T151552_0220513T152050_C001 OCCGG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatte	CS_OFFL_SIR_GOPM_2_20220513T133627_20220513T134151_C001		
CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality Flags have been Set for one or more records CS_OFFL_SIR_GOPM_2_20220513T151555_20220513T152050_C001 OCCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Set for one or more records CS_OFFL_SIR_GOPM_2_20220513T152720_20220513T152946_C001 Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been Attimeter Range and Backscatter Quality	CS_OFFL_SIR_GOPM_2_20220513T134818_20220513T140956_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T143430_20220513T143744_C001and Backscatter Quality, OCOG Attimeter Range and Backscatter Qualityand the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more recordsCS_OFFL_SIR_GOPM_2_20220513T145357_20220513T145357_20220513T151214_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter QualityThe Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags the OCGG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags been set for one or more recordsCS_OFFL_SIR_GOPM_2_20220513T151555_20220513T152050_C001OCOG Altimeter Range Quality, OCOG Backscatter QualityThe OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more recordsCS_OFFL_SIR_GOPM_2_20220513T152720_20220513T152946_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more recordsThe OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more recordsCS_OFFL_SIR_GOPM_2_20220513T152720_20220513T152946_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more recordsThe Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more recordsCS_OFFL_SIR_GOPM_2_20220513T162329_20220513T164829_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Qualit	CS_OFFL_SIR_GOPM_2_20220513T141242_20220513T142124_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T145357_20220513T151214_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T151555_20220513T152050_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_20220513T152720_20220513T152750_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T152720_20220513T155946_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T162329_20220513T164829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, 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 have been <td>CS_OFFL_SIR_GOPM_2_20220513T143430_20220513T143744_C001</td> <td>and Backscatter Quality, OCOG</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_GOPM_2_20220513T143430_20220513T143744_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T152720_20220513T152946_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20220513T152720_20220513T155946_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality, Flags and the 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, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCO	CS_OFFL_SIR_GOPM_2_20220513T145357_20220513T151214_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220513T152720_20220513T155946_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220513T162329_20220513T164829_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG	CS_OFFL_SIR_GOPM_2_20220513T151555_20220513T152050_C001		
CS_OFFL_SIR_GOPM_2_20220513T162329_20220513T164829_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20220513T152720_20220513T155946_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20220513T162329_20220513T164829_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPM_2_20220513T170705_20220513T172235_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_20220513T172313_20220513T172418_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_20220513T172859_20220513T173654_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_20220513T175159_20220513T175458_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_20220513T175720_20220513T181300_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_20220513T181515_20220513T183004_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_20220513T183657_20220513T183910_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_20220513T183953_20220513T184410_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_20220513T184614_20220513T190048_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_20220513T190227_20220513T191853_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_20220513T194022_20220513T195047_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_20220513T195711_20220513T201124_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_20220513T201449_20220513T202314_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_20220513T202547_20220513T204816_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_20220513T212414_20220513T212741_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_20220513T212802_20220513T215034_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_20220513T215352_20220513T215549_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_20220513T215638_20220513T220130_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_20220513T220517_20220513T220657_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_20220513T220737_20220513T223018_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_20220513T230303_20220513T232923_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_20220513T233320_20220513T233350_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_20220513T233559_20220513T234157_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_20220513T043211_20220513T043330_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_20220513T072952_20220513T073000_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (20 Hz PLRM)

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

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

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

Number of	products w	ith errors:

Number of products with errors: 101		
Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20220513T002243_20220513T002631_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T004907_20220513T005241_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_20220513T005258_20220513T005435_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_20220513T010346_20220513T010409_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_20220513T010821_20220513T010943_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_20220513T020221_20220513T020537_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T033938_20220513T034345_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T034959_20220513T035107_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_20220513T042859_20220513T043119_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T043211_20220513T043330_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_20220513T051747_20220513T051915_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T052710_20220513T052854_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_20220513T060638_20220513T061047_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_20220513T061120_20220513T061242_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_20220513T062542_20220513T062818_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_20220513T065659_20220513T065842_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T072403_20220513T072939_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_20220513T074236_20220513T074359_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_20220513T074711_20220513T075135_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T080959_20220513T081104_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_20220513T092357_20220513T092519_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_20220513T094502_20220513T094638_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_20220513T094720_20220513T094927_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_20220513T101550_20220513T101814_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_20220513T102554_20220513T102718_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T111546_20220513T111605_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T115511_20220513T115635_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T120458_20220513T120624_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T124252_20220513T124413_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_20220513T124453_20220513T124617_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_20220513T131552_20220513T131653_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_20220513T132030_20220513T132152_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_20220513T143309_20220513T143349_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T143744_20220513T143927_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_20220513T145044_20220513T145356_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_20220513T152051_20220513T152414_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T165528_20220513T165804_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T165957_20220513T170623_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_20220513T183046_20220513T183657_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T184411_20220513T184546_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_20220513T192958_20220513T193101_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_20220513T193411_20220513T193619_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPN_2_20220513T195215_20220513T195705_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_20220513T202315_20220513T202503_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_20220513T204949_20220513T205336_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_20220513T210912_20220513T211408_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_20220513T215232_20220513T215352_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_20220513T215549_20220513T215638_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_20220513T233159_20220513T233320_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_20220513T001952_20220513T002243_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_20220513T010324_20220513T010346_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_20220513T010725_20220513T010821_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_20220513T011355_20220513T012143_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_20220513T012303_20220513T012334_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_20220513T015903_20220513T020221_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_20220513T024535_20220513T025023_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_20220513T025357_20220513T030438_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_20220513T043330_20220513T044100_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_20220513T051030_20220513T051054_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_20220513T052854_20220513T053547_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_20220513T061242_20220513T061803_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_20220513T070810_20220513T071007_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_20220513T074505_20220513T074618_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_20220513T075136_20220513T075518_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_20220513T075518_20220513T075840_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_20220513T081217_20220513T082014_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_20220513T091608_20220513T091842_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_20220513T092958_20220513T093509_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_20220513T093544_20220513T093813_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_20220513T101433_20220513T101550_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_20220513T102718_20220513T102907_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_20220513T110651_20220513T111545_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_20220513T111605_20220513T111836_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_20220513T120624_20220513T120849_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_20220513T124859_20220513T125552_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_20220513T125721_20220513T125934_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_20220513T130313_20220513T130501_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_20220513T134503_20220513T134818_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_20220513T142125_20220513T143141_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_20220513T143141_20220513T143309_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_20220513T152414_20220513T152720_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_20220513T160041_20220513T160110_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_20220513T160403_20220513T161040_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_20220513T161040_20220513T161617_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_20220513T164829_20220513T165528_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_20220513T173852_20220513T173911_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_20220513T174326_20220513T174922_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 & 1 Hz PLRM)				
Currently, there are several common flags raised in the Level 2 products, w	hich are summarised below.			
> 1 Hz and 1 Hz Ocean SSHA Quality Flags: These flags are currently set for products over sea ice, which is to be expected.				
Number of products with errors: 205				

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Number of products with errors:

L2 Retracking Flags (20 Hz PLRM)

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

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

64

149

Number of products with errors:

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

6.1 P2P Product Format Check

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

6.2 P2P Product Header Analysis

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

Number of products with errors.

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20220512T233739_20220513T002718_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_20220513T002718_20220513T011654_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_20220513T011654_20220513T020633_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_20220513T020633_20220513T025608_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_20220513T025608_20220513T034548_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_20220513T034548_20220513T043523_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), 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_20220513T043523_20220513T052502_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_20220513T052502_20220513T061438_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography 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_20220513T061438_20220513T070417_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_20220513T070417_20220513T075352_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20220513T075352_20220513T084332_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_20220513T084332_20220513T093307_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_20220513T093307_20220513T102247_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220220513T102247_20220513T111222_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_20220513T111222_20220513T120201_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_20220513T120201_20220513T125137_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20220513T125137_20220513T134116_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_20220513T134116_20220513T143051_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_20220513T143051_20220513T152031_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_20220513T152031_20220513T161006_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_20220513T161006_20220513T165945_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_20220513T165945_20220513T174921_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_20220513T174921_20220513T183900_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20220513T183900_20220513T192835_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20220513T192835_20220513T201815_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_20220513T201815_20220513T210750_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_20220513T210750_20220513T215730_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20220513T215730_20220513T224705_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_220220513T224705_20220513T233644_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), 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

6.5 P2P Measurement Confidence Data Check

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

0

Number of products with errors:

P2P Quality Flags (20 Hz)		
CryoSat P2P data includes Quality Flags for	each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.	
Since the P2P Quality Flags are copied d	irectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.	
Number of products with errors:	29	
P2P Quality Flags (20 Hz PLRM)		
Since the P2P Quality Flags are copied d	irectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.	
Number of products with errors:	29	
P2P Quality Flags (1 Hz & 1 Hz P	LRM)	
Since the P2P Quality Flags are copied d	irectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.	
Number of products with errors:	29	
6.8 P2P Ocean Retracking Qu	ality Check	
6.8 P2P Ocean Retracking Qu P2P Retracking Flags (20 Hz)	ality Check	
P2P Retracking Flags (20 Hz)	ality Check ing quality flag (field 19) for each 20 Hz measurement record. The bit value of this flag indicates any problems when set.	
P2P Retracking Flags (20 Hz) Cryosat P2P data includes an ocean retrack		_
P2P Retracking Flags (20 Hz) Cryosat P2P data includes an ocean retrack	ing quality flag (field 19) for each 20 Hz measurement record. The bit value of this flag indicates any problems when set.	
P2P Retracking Flags (20 Hz) Cryosat P2P data includes an ocean retrack Ocean Retracking Quality Flag (PLRM): T	ing quality flag (field 19) for each 20 Hz measurement record. The bit value of this flag indicates any problems when set. his flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.	_
P2P Retracking Flags (20 Hz) Cryosat P2P data includes an ocean retrack Ocean Retracking Quality Flag (PLRM): T Number of products with errors: P2P Retracking Flags PLRM	ing quality flag (field 19) for each 20 Hz measurement record. The bit value of this flag indicates any problems when set. his flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.	
P2P Retracking Flags (20 Hz) Cryosat P2P data includes an ocean retrack Ocean Retracking Quality Flag (PLRM): T Number of products with errors: P2P Retracking Flags PLRM CryoSat L2 data includes an ocean retracking	ing quality flag (field 19) for each 20 Hz measurement record. The bit value of this flag indicates any problems when set. his flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected. 25	