

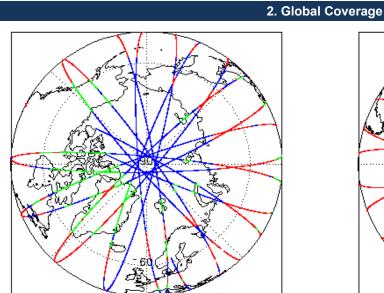
QA4EO Daily Report for GOP data:

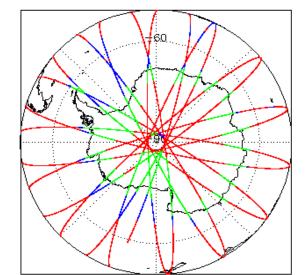
<u>18/02/2021</u>

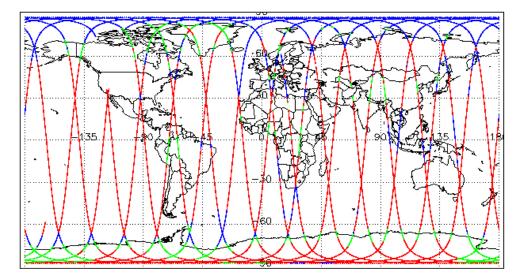
	19-Mar-2021	Check	L1 & L2	P2P
eport Production:	19-Mar-2021	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Description	Crive Cet Ocean Dresses	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
	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 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
		QCC Error/ Warning Check	See Section 7.1 and 7.2	See Section 7.1, 7.2 and 7.

1. Overview

Mission / Instrument News					
17-Feb-2021	None				
18-Feb-2021	None				
19-Feb-2021	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 binary product file (.DBL).

4.2 L1B Product Header Analysis				
For all products, a series of pre-defined checks are performed on the MPH and S	PH in order to identify any inconsistencies	and/or errors raised by the ground-segment processing chain.		
.1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B GOPR and GOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and				
OSARIn chains. A modification is required in the next release. Number of products with errors: 0				
4.3 L1B Auxilary Data File Usage Check				
Each product is checked for missing Data Set Descriptors with respect to a pre-d	etermined baseline and also to check the v	alidity of Auxiliary Data Files is correct.		
Number of products with errors: 0				
4.4 L1B Auxiliary Correction Error Check				
CryoSat L1B data includes a correction error flag for each measurement record.	The bit value of this flag indicates any prob	lems 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 measureme	nt record. The bit value of this flag indicates	any problems when set		
Attitude Correction Missing: This flag is currently set in error for GOPR produc	-			
Number of products with errors: 1		g		
Product	Test Failed	Description		
CS OFFL SIR GOPM1B 20210218T233353 20210218T234326 C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more		
	5	records		
4.6 L1B Waveform Group Data Check				
CryoSat L1B data includes a waveform data flag for each measurement record.	The bit value of this flag indicates any probl	ems when set.		
Loss of Echo Flag: This flag is currently set for some products over land, but this	is is to be expected.			
Number of products with errors: 19				
Product	Test Failed	Description		
CS_OFFL_SIR_GOPM1B_20210218T044344_20210218T045932_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPM1B_20210218T093049_20210218T095731_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T023442_20210218T023608_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T051312_20210218T051432_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T055207_20210218T055417_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T100732_20210218T100912_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T123858_20210218T123918_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T173231_20210218T173337_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T191145_20210218T191731_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPN1B_20210218T223405_20210218T223747_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPR1B_20210218T005616_20210218T010725_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPR1B_20210218T055418_20210218T060112_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPR1B_20210218T105952_20210218T110134_C001 CS_OFFL_SIR_GOPR1B_20210218T110529_20210218T110715_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records		
	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPR1B_20210218T110833_20210218T111014_C001	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_20210218T140612_20210218T141320_C001				
CS_OFFL_SIR_GOPR1B_20210218T154118_20210218T154237_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_GOPR1B_20210218T172549_20210218T172703_C001 CS_OFFL_SIR_GOPR1B_20210218T174136_20210218T174338_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
5. GOI	Level 2 Data Quality Ch	leck		
5.1 L2 Product Format Check				
Each product, retrieved and unpacked from the science server, is checked to ens	sure it consists of both an XML header file (.HDR) and a binary product file (.DBL).		
Number of products with errors: 0				

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

0

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20210218T000458_20210218T000812_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_20210218T001326_20210218T001441_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_20210218T014217_20210218T014640_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_20210218T015231_20210218T015348_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_20210218T023152_20210218T023436_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Tota Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20210218T023442_20210218T023608_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Tota Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20210218T032959_20210218T033146_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_20210218T041412_20210218T041515_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_20210218T050811_20210218T051039_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_20210218T054840_20210218T055149_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_20210218T055207_20210218T055417_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_20210218T064717_20210218T065106_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_20210218T072849_20210218T073240_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_20210218T073750_20210218T073824_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20210218T082830_20210218T083013_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_20210218T113738_20210218T113858_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_20210218T114428_20210218T114744_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_20210218T123543_20210218T123636_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_20210218T131705_20210218T131819_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_20210218T132326_20210218T132642_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Tota Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20210218T145800_20210218T150038_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_20210218T150231_20210218T150816_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_20210218T155319_20210218T155439_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_20210218T163620_20210218T163936_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_20210218T173231_20210218T173337_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_20210218T181533_20210218T181734_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_20210218T191145_20210218T191731_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20210218T195506_20210218T195624_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_20210218T200422_20210218T200659_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_20210218T213427_20210218T213547_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_20210218T214438_20210218T214602_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_20210218T231416_20210218T231742_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_20210218T005616_20210218T010725_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_20210218T023608_20210218T024348_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_20210218T041515_20210218T042041_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_20210218T051039_20210218T051312_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_20210218T054358_20210218T054505_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_20210218T055418_20210218T060112_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_20210218T061452_20210218T062307_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_20210218T073241_20210218T073749_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_20210218T091010_20210218T091810_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_20210218T104849_20210218T105619_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_20210218T105952_20210218T110134_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_20210218T110529_20210218T110715_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_20210218T122355_20210218T123420_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_20210218T123420_20210218T123543_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_20210218T140612_20210218T141320_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_20210218T141320_20210218T142820_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_20210218T154604_20210218T155037_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_20210218T155037_20210218T155319_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_20210218T163435_20210218T163619_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_20210218T172549_20210218T172703_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_20210218T172751_20210218T173231_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_20210218T190617_20210218T191145_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_20210218T204702_20210218T205203_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_20210218T222401_20210218T223404_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records			
5.5 L2 Measurement Confidence Data Check					

CryoSat L2 data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. Number of products with errors: 1 Product Test Failed Description CS_OFFL_SIR_GOPM_2_20210218T233353_20210218T234326_C001 Power scaling error There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

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

Number of products with errors	 0.000	ith /	C 14/	uct	ho	fm	- 01	ho	ıml	м.

roduct	Test Failed	Description
S_OFFL_SIR_GOPM_2_20210217T232738_20210218T000239_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T000812_20210218T001326_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records.
S_OFFL_SIR_GOPM_2_20210218T001504_20210218T001812_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T002013_20210218T002435_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T002441_20210218T002615_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T003008_20210218T003432_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T005044_20210218T005324_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T010725_20210218T011618_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T011904_20210218T014121_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T014640_20210218T014813_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records.
S_OFFL_SIR_GOPM_2_20210218T014820_20210218T015231_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records.
S_OFFL_SIR_GOPM_2_20210218T015444_20210218T021644_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T021739_20210218T022159_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T022617_20210218T022945_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T024823_20210218T025147_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T025326_20210218T032020_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T032147_20210218T032713_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records.
S_OFFL_SIR_GOPM_2_20210218T033818_20210218T035047_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T035132_20210218T040840_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T042320_20210218T042329_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records.
S_OFFL_SIR_GOPM_2_20210218T043209_20210218T044140_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T044344_20210218T045932_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 bee set for one or more records.
S_OFFL_SIR_GOPM_2_20210218T050115_20210218T050611_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records.
S_OFFL_SIR_GOPM_2_20210218T050632_20210218T050643_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been so for one or more records.

CS_OFFL_SIR_GOPM_2_20210218T051511_20210218T052734_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_20210218T053215_20210218T054357_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_20210218T062307_20210218T063817_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_20210218T064041_20210218T064525_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_20210218T064605_20210218T064717_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_20210218T065131_20210218T071846_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_20210218T075241_20210218T081339_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_20210218T081428_20210218T081815_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_20210218T082104_20210218T082440_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_20210218T082503_20210218T082830_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_20210218T083051_20210218T085942_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_20210218T093049_20210218T095731_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_20210218T095859_20210218T100355_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_20210218T100403_20210218T100732_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_20210218T101040_20210218T104540_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_20210218T105829_20210218T105952_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_20210218T113046_20210218T113208_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_20210218T113408_20210218T113717_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_20210218T113858_20210218T114428_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_20210218T114957_20210218T122355_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_20210218T123724_20210218T123858_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_20210218T125641_20210218T131605_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_20210218T131819_20210218T132325_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_20210218T132847_20210218T140255_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_20210218T142820_20210218T145101_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_20210218T150909_20210218T151749_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_20210218T152304_20210218T152416_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_20210218T153135_20210218T153947_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_20210218T155846_20210218T161551_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_20210218T161748_20210218T163211_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_20210218T164237_20210218T164645_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_20210218T164821_20210218T170144_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_20210218T170601_20210218T171523_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_20210218T173337_20210218T173429_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_20210218T174338_20210218T175448_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_20210218T180016_20210218T181451_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_20210218T181734_20210218T182548_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_20210218T182744_20210218T184406_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_20210218T184806_20210218T185240_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_20210218T192647_20210218T195355_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_20210218T195624_20210218T195827_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_20210218T195905_20210218T200422_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_20210218T200659_20210218T203217_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_20210218T210438_20210218T213237_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_20210218T213547_20210218T213640_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_20210218T213833_20210218T214438_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_20210218T214602_20210218T221404_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_20210218T222235_20210218T222400_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_20210218T223748_20210218T231149_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_20210218T231742_20210218T232309_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_20210218T232441_20210218T233101_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_20210218T091811_20210218T091832_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_20210218T131705_20210218T131819_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_20210218T155712_20210218T155830_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_20210218T203502_20210218T203541_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T001441_20210218T001504_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T004757_20210218T005044_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T042132_20210218T042230_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T105638_20210218T105829_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T110529_20210218T110715_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T145101_20210218T145409_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T153947_20210218T154112_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T173755_20210218T174004_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T204535_20210218T204640_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T222401_20210218T223404_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20210218T003432_20210218T003522_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_20210218T004535_20210218T004620_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_20210218T014217_20210218T014640_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_20210218T015231_20210218T015348_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_20210218T023152_20210218T023436_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_20210218T023442_20210218T023608_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_20210218T040840_20210218T041016_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_20210218T042834_20210218T043012_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_20210218T050811_20210218T051039_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_20210218T052735_20210218T052802_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_20210218T052829_20210218T053215_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.

Col. OPTL, SR, DOTN, 2. 2010211100027, 2010211100017, 1001 Date: Attack Regin, SRN, DOTN, 2. 2010211100027, 2010211100017, 1001 Date: Attack Regin, SRN, DOTN, 2. 2010211100027, 2010211100017, 1001 Date: Attack Regin, SRN, DOTN, 2. 2010211100027, 2010211100017, 1001 Dot: Attack Regin, SRN, DOTN, 2. 2010211100027, 2010211100017, 1001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 2010211100017, 1001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 2010211100017, 2001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 2010211100017, 2001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 201021100010, 2001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 201021100010, 2001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 201021100010, 2001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 201021100010, 2001 DOD: Attack Regin, SRN, DOTN, 2. 2010211100007, 201021100007, 20010000000000000000000000000000000000	CS_OFFL_SIR_GOPN_2_20210218T054516_20210218T054633_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
General See CorPL 2. 20210011000007 20210210700001 Control Provide Sector S	CS_OFFL_SIR_GOPN_2_20210218T054840_20210218T055149_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Construction Construction Construction Construction Construction Construction Construc	CS_OFFL_SIR_GOPN_2_20210218T055207_20210218T055417_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Construction Construction<	CS_OFFL_SIR_GOPN_2_20210218T063823_20210218T064041_C001		
Gen L, Sen, Gon L, 2021213/1072493 2021221107249. 2021213107249. 20212121071249. 20212121071249. 2021213107249. 20212121071249. 20212121	CS_OFFL_SIR_GOPN_2_20210218T064717_20210218T065106_C001	OCOG Backscatter Quality	
CS_OFFL_SR_COPK_2_20010218107280_20010218107282_001 min Basication Cubity PLAN, COCO. min Basication Cubity PLAN, COCO. CS_OFFL_SR_COPK_2_20010218107280_20010218107280_1.0001 COCO Almeter Range Cubity PLAN, COCO. The COCO Range and Basication Cubity PLAN, COCO. CS_OFFL_SR_COPK_2_20010218107280_20010218107280_1.0001 COCO Almeter Range Cubity PLAN, COCO. The COCO Range and Basication Cubity PLAN, COCO. CS_OFFL_SR_COPK_2_200102181078280_200102181082013_COOI COCO Almeter Range Cubity PLAN, COCO. The COCO Range and Basication Cubity PLAN, COCO. CS_OFFL_SR_COPK_2_200102181078280_200102181082013_COOI COCO Almeter Range Cubity PLAN, COCO. The COCO Range and Basication Cubity PLAN, COCO. CS_OFFL_SR_COPK_2_200102181078280_20011281078813_COOI COCO Almeter Range Cubity PLAN, COCO. The COCO Range and Basication Cubity PLAN, COCO. CS_OFFL_SR_COPK_2_200102181078813_COOI COCO Almeter Range Cubity PLAN, COCO. The COCO Range and Basication Cubity PLAN, The PLAN, COCO. CS_OFFL_SR_COPK_2_200102181078813_COOI COCIO Almeter Range Cubity PLAN, The PLAN, COCO. The Coco Range and Basication Cubity PLAN, The PLAN, COCO. CS_OFFL_SR_COPK_2_2001021810781320_COOI COCIO Almeter Range Cubity PLAN, The PLAN, COCO. The Coco Range and Basication Cubity PLAN, The PLAN, COCO. CS_OFFL_SR_COPK_2_200102181078280_COOI COCIO Almeter Range Cubity PLAN, COCO. The Cocoo Range and Basication Cubity PLAN, The PLAN, COCO. </td <td>CS_OFFL_SIR_GOPN_2_20210218T072849_20210218T073240_C001</td> <td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_GOPN_2_20210218T072849_20210218T073240_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_GOPH_2_2021021811017300_2021021810208_0001 CCCG Backscater Quality FIRM CS_OFFL_SR_GOPH_2_20210218110883_20210218100218_0001 CCCG Backscater Quality FIRM CS_OFFL_SR_GOPH_2_202102181108783_202102181008015_0001 CCCG Backscater Quality FIRM CS_OFFL_SR_GOPH_2_202102181108783_202102181108015_0001 CSCG Altimeter Range SNA	CS_OFFL_SIR_GOPN_2_20210218T073750_20210218T073824_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS, OFFL_SIR_COPN_2_20210218102830_20210218102830_20210218102830_20210 CS, OFFL_SIR_COPN_2_20210218102830_20210218102830_20210 CS_OFFL_SIR_COPN_2_20210218102830_20210218102820_20210218102820 CS_OFFL_SIR_COPN_2_20210218102830_20210218102820_2021 CS_OFFL_SIR_COPN_2_20210218102830_20210218102820_2021 CS_OFFL_SIR_COPN_2_20210218102830_20210218102820_2021 CS_OFFL_SIR_COPN_2_20210218102830_20210218102820_2021 CS_OFFL_SIR_COPN_2_20210218102830_20210218102820_202 CS_OFFL_SIR_COPN_2_20210218102820_20210218102820_202 CS_OFFL_SIR_COPN_2_20210218102820_20210218102820_202 CS_OFFL_SIR_COPN_2_20210218102820_20210218102820_202 CS_OFFL_SIR_COPN_2_20210218102820_20210218102820_202 CS_OFFL_SIR_COPN_2_20210218110282_20210218110282_20210218102820 CS_OFFL_SIR_COPN_2_20210218110282_20210218110282_20210218110282 CS_OFFL_SIR_COPN_2_20210218110282_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218110282_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218110282_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218110282_20210218112820_001 CS_OFFL_SIR_COPN_2_202102181112820_001 CS_OFFL_SIR_COPN_2_202102181112820_001 CS_OFFL_SIR_COPN_2_202102181112820_001 CS_OFFL_SIR_COPN_2_202102181112820_001 CS_OFFL_SIR_COPN_2_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218112820_2001 CS_OFFL_SIR_COPN_2_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218112820_001 CS_OFFL_SIR_COPN_2_20210218112842_2010218112820_001 CS_OFFL_SIR_COPN_2_20210218112842_2010218112820_001 CS_OFFL_SIR_COPN_2_20210218112842_001 CS_OFFL	CS_OFFL_SIR_GOPN_2_20210218T075000_20210218T075241_C001		, , , , , , , , , , , , , , , , , , ,
CS_OFFL_SIR_GOPN_2_30210218T08200_00210218T080001_COM and Backstein Couliny FLRA COCD and Backstein Couliny FLRA COCD CS_OFFL_SIR_GOPN_2_30210218T08001_00218T0801832_COM and Backstein Couliny FLRA COCD The OCDS Render and Backstein Couliny FLRA backstein Couliny FLRA backstein Couliny FLRA COCD CS_OFFL_SIR_GOPN_2_30210218T010831_002101F010823_COM and Backstein Couliny FLRA COCD The OCDS Render Ange and Backstein Couliny FLRA ba	CS_OFFL_SIR_GOPN_2_20210218T081833_20210218T082103_C001		
GS_OFFL_SIR_GOPN_2_20210218T100181_20210218T1001832_C001 and Backscatter Quality PLRM_COOS The OCOR Almeter Range Quality PLRM_COOS CS_OFFL_SIR_GOPN_2_20210218T100732_20210218T110730_20210218T100732_20210218T100732_20210218T100732_20210218T110730_20210218T100732_20210218T110730_20210218T100732_20210218T110730_20210218T100732_20210218T110730_20210218T100732_20210218T1107305_2001	CS_OFFL_SIR_GOPN_2_20210218T082830_20210218T083013_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OCOG Backscater Quality Flags and Backscater Quality Flags have been set for one or more records. OCOG Allmeter Range Allmeter Range and Backscater Quality Flags have been set for one or more records. OCOG Allmeter Range and Backscater Quality Flags have been set for one or more records. OCOG Allmeter Range and Backscater Quality Flags have been set for one or more records. OCOG Allmeter Range and Backscater Quality Flags have been set for one or more records. OCOG Allmeter Range and Backscater Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. OCOG Allmeter Range Quality Flags have been set for one or more records. O	CS_OFFL_SIR_GOPN_2_20210218T091811_20210218T091832_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20210216T100732_20210216T100912_0001 and Backscatter Quality PLRM, COCG The OCOG Range and Backscatter Quality Flags have been and precords. CS_OFFL_SIR_GOPN_2_20210216T104540_20210216T104655_0001 OCCG Altimeter Range Quality PLRM, COCG The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210216T104540_20210216T112305_0001 OCCG Altimeter Range Quality PLRM, COCG The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210216T1123640_20210216T123830_0001 OCCG Altimeter Range Quality PLRM, COCG The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210216T123640_20210216T123830_0001 OCCG Altimeter Range Quality PLRM, COCG The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210216T123640_20210216T124645_C001 OCCG Altimeter Range Quality PLRM, COCG Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210216T124642_20210216T124645_C001 OCCG Altimeter Range Quality PLRM, COCG Backscatter Quality Flags have been set for one or more records. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210216T124642_20210216T126445_C001 OCCG Altimeter Range Quality PLRM, COCG Backscatter Quality Flags have been set for one or more records. The O	CS_OFFL_SIR_GOPN_2_20210218T092631_20210218T092737_C001	OCOG Backscatter Quality	
OCCOG Backscatter Quality more records. OCCOG Backscatter Quality more records. OCCOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one or more records. OS_OFFL_SIR_GOPN_2_202102181123543_202102181123656_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. OCCOG Altimeter Range Quality PLRM, OCCOG Backscatter Quality The OCCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181123923_202102181124037_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181124422_202102181124543_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181125417_202102181125641_C001 OCCOG Altimeter Range Quality PLRM, OCCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181150231_202102181125641_C001 OCCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218117024_202102181170749_202102181170749_C001 OCCOG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181177249_202102181177749_C001 OCCG Altimeter Range Quality PLRM, OCCOG Altimeter Range, SHA, SWH and Backscatter Qu	CS_OFFL_SIR_GOPN_2_20210218T100732_20210218T100912_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20210218T123643_00210218T123645_001 CCCG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20210218T123643_00210218T123645_001 CCCG Backscatter Quality PLRM, CCCG De Ocean Altimeter Range, SSHA, SWH more records. CS_OFFL_SIR_GOPN_2_20210218T123643_00210218T123643_0001 CCCG Backscatter Quality PLRM, CCCG De Ocean Altimeter Range, SSHA, SWH more records. CS_OFFL_SIR_GOPN_2_20210218T124622_00210218T124632_C001 CCCG Altimeter Range Quality PLRM, CCCG Backscatter Quality Flags have been set for one or more records. The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T124622_00210218T124543_C001 CCCG Altimeter Range Quality PLRM, CCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T125417_20210218T125641_C001 CCCG Altimeter Range, SSHA, SWH, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T150231_20210218T150818_C001 CCCG Altimeter Range, SSHA, SWH, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T1752417_20210218T1750816_C001 CCCG Altimeter Range, SSHA, SWH, and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T17556_C001 CCCG Altimeter Range Cuality PLRM, CCCG The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T177749_20	CS_OFFL_SIR_GOPN_2_20210218T104540_20210218T104653_C001		
CS_OFFL_SIR_GOPN_2_20210218T123643_20210218T123636_C001 All Backscatter Quality PLEM, QCOG CS_OFFL_SIR_GOPN_2_20210218T123643_20210218T124037_C001 OCCG Allimeter Range and Backscatter Quality PLEM, CCG Backscatt	CS_OFFL_SIR_GOPN_2_20210218T111750_20210218T112120_C001	OCOG Backscatter Quality	
CS_OFFL_SIR_GOPN_2_202102181124422_202102181124543_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_202102181124422_202102181126417_20210218112644_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter 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_202102181125417_202102181125641_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181150231_202102181150816_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181171524_202102181171738_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173749_202102181173526_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been Altimeter Range 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_202102181173711_202102181173755_C001 Ocean Altimeter Range and Backscatter Quality Flags have be	CS_OFFL_SIR_GOPN_2_20210218T123543_20210218T123636_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_202102181125417_202102181125641_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_202102181125417_202102181125641_C001 OCOG Altimeter Range Quality PLRM, OCOG The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181150231_202102181150816_C001 OCOG Altimeter Range and Backscatter Quality The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181171524_202102181171788_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2021021811717524_202102181172751_C001 OCOG Altimeter Range Allimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181172749_202102181172751_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173428_202102181173526_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173711_202102181173755_C001 Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181175449_2021021811780016_C001 OCOG Altimeter Range All Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173711_2021021	CS_OFFL_SIR_GOPN_2_20210218T123923_20210218T124037_C001		
CS_OFFL_SIR_GOPN_2_20210218112941/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181129841/_202102181150816_C001 OCCG Backscatter Quality Occan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T173749_20210218T173526_C001 Occan Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T173711_20210218T173755_C001 OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range Quality PLRM, OCCG Altimeter Range Albackscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T175	CS_OFFL_SIR_GOPN_2_20210218T124422_20210218T124543_C001		
CS_OFFL_SIR_GOPN_2_20210218T150231_20210218T150816_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ine OCean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T171524_20210218T171738_C001 OCCG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T172749_20210218T172751_C001 Occan Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T173749_20210218T173526_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T173711_20210218T173755_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T173749_20210218T173755_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T173749_20210218T173755_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T175549_20210218T180016_C001 OCCG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T175549_20210218T186076_C001 OCCG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20210218T125417_20210218T125641_C001	OCOG Backscatter Quality	
CS_OFFL_SIR_GOPN_2_202102181173749_202102181173755_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_202102181172749_202102181172751_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173429_202102181173526_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173711_202102181173755_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173711_202102181173755_C001 Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173711_202102181173755_C001 Ocean Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181173749_202102181173755_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2021021811755449_202102181180016_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_202102181185626_C001 OCOG Altimeter Range Quality PLRM, OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20210218T150231_20210218T150816_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20210218T172749_20210218T172751_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM The OCGA Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality Flags and the OCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T175540 02010218T18526_C001 OCOG Altimeter Range Quality PLRM, OCGA Altimeter Range Quality PLRM, The OCGR Ran	CS_OFFL_SIR_GOPN_2_20210218T171524_20210218T171738_C001	OCOG Backscatter Quality	
CS_OFFL_SIR_GOPN_2_20210218T173429_20210218T173526_C001 and Backscatter Quality PLRM, OCOG Atimeter Range and Backscatter Quality PLRM The OCGA Atimeter Range and Backscatter Quality Flags and the OCOG Atimeter Range and Backscatter Quality Flags and the OCOG Atimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimeter Range and Backscatter Quality Flags and the OCOG Atimeter Range and Backscatter Quality Flags and the OCOG Atimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T175449_20210218T180016_C001 OCOG Atimeter Range Quality PLRM, OCOG Atimeter 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_20210218T185240_20210218T185626_C001 OCOG Atimeter Range Quality PLRM, OCOG Atimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20210218T172749_20210218T172751_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_20210218T173711_20210218T173755_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind Bockscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20210218T185240_20210218T185626_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20210218T173429_20210218T173526_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_202102181175449_202102181180016_C001 OCOG Backscatter Quality more records. OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_GOPN_2_20210218T173711_20210218T173755_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPN_2_20210218T175449_20210218T180016_C001		
	CS_OFFL_SIR_GOPN_2_20210218T185240_20210218T185626_C001		

	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags
CS_OFFL_SIR_GOPN_2_20210218T191145_20210218T191731_C001	Altimeter Range and Backscatter Quality PLRM Ocean Altimeter Range, SSHA, SWH	and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20210218T195506_20210218T195624_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	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_GOPN_2_20210218T200422_20210218T200659_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_20210218T203218_20210218T203316_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_20210218T213641_20210218T213833_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_20210218T214438_20210218T214602_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_20210218T223405_20210218T223747_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_20210218T232310_20210218T232427_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_20210218T002615_20210218T003008_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_20210218T005616_20210218T010725_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_20210218T023114_20210218T023152_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_20210218T023608_20210218T024348_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_20210218T024351_20210218T024358_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_20210218T024701_20210218T024823_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_20210218T041515_20210218T042041_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T042550_20210218T042626_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_20210218T051039_20210218T051312_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_20210218T054358_20210218T054505_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_20210218T055149_20210218T055207_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_20210218T055418_20210218T060112_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_20210218T061452_20210218T062307_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_20210218T071847_20210218T071939_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_20210218T073241_20210218T073749_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_20210218T073825_20210218T074005_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_20210218T091010_20210218T091810_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_20210218T091908_20210218T092104_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_20210218T104653_20210218T104735_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_20210218T104849_20210218T105619_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T105638_20210218T105829_C001	PLRM Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20210218T110529_20210218T110715_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_20210218T110833_20210218T111014_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_20210218T124543_20210218T124749_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_20210218T140255_20210218T140512_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_20210218T140612_20210218T141320_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_20210218T141320_20210218T142820_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_20210218T145101_20210218T145409_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_20210218T154604_20210218T155037_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_20210218T161551_20210218T161736_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_20210218T163435_20210218T163619_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_20210218T170400_20210218T170601_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_20210218T172549_20210218T172703_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_20210218T172751_20210218T173231_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_20210218T173526_20210218T173710_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_20210218T173755_20210218T174004_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_20210218T190617_20210218T191145_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_20210218T191732_20210218T191953_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_20210218T192608_20210218T192647_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_20210218T204259_20210218T204506_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_20210218T204535_20210218T204640_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_20210218T204702_20210218T205203_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_20210218T222049_20210218T222235_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_20210218T222401_20210218T223404_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_20210218T231149_20210218T231416_C001	Altimeter Rande and Backscatter (Juality	The Ocean Altimeter Range, SSHA, SWH 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_20210218T233102_20210218T233353_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_20210218T235749_20210219T000033_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
12 Quality Flags (1 Hz & 1Hz BI BM)		

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

194

68

146

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

Number of products with errors:

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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

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

Number of products with errors:

L2 Retracking Flags (20Hz, PLRM)

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

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

Number of products with errors:

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20210217T231904_20210218T000842_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_20210218T000842_20210218T005819_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20210218T005819_20210218T014756_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_20210218T014756_20210218T023734_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20210218T023734_20210218T032711_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_20210218T032711_20210218T041648_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_20210218T041648_20210218T050625_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_20210218T050625_20210218T055603_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20210218T055603_20210218T064540_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

Cite, DFFL_SR_GOP_2_021021610364_021011010516_02001 Topography (the local on 1) for one more records CS_OFFL_SR_GOP_2_0210216T062465_0210216T062455_C001 Teem Sam server (the MSS beight (calution 1) and the Mean Dynamic Topography (the local on 1) and the Mean Dynamic Topography (the local on 1) and the Mean Dynamic Topography (the local on 1) for one or more records CS_OFFL_SIR_GOP_2_0210216T062465_0210216T004432_0011 Mean See Sufface (1), Mean Dynamic Topography Meight (calution 1) and the Mean Dynamic Topography Meight (calution 1) for one or more records CS_OFFL_SIR_GOP_2_0210216T100410_0011 Mean See Sufface (1), Mean Dynamic Topography Meight (calution 1) for one or more records CS_OFFL_SIR_GOP_2_0210216T100410_0011 Mean See Sufface (1), Mean Dynamic Topography Meight (calution 1) for one or more records CS_OFFL_SIR_GOP_2_0210216T10410_0010_0011 Mean See Sufface (1), Mean Dynamic Topography Meight (calution 1) for one or more records CS_OFFL_SIR_GOP_2_0210216T114324_0210216T114324_020101F1123302_0001 Mean See Sufface (1), Mean Dynamic Topography Meight (calution 1) and the Mean Dynamic Topograph			
CB_OFFL_SIR_GOP_2_202102181703218_2021021817082465_0001 Tgoggapty (1), Taid Geoomic Oean Tide Tide (CO) The six and the State State (1), Mean Dynamic Tgoggapty (1) Tgogga	CS_OFFL_SIR_GOP_220210218T064540_20210218T073518_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CBDFFL_SIR_GOP_2_20210218T10618 (Seldes_20210218T106142_C001 CGOFFL_SIR_GOP_2_20210218T106140_20210218T106347_C001 CGOFFL_SIR_GOP_2_20210218T106140_20210218T106347_C001 Man Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CGOFFL_SIR_GOP_2_20210218T106347_20210218T106347_C001 Man Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) Man Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) Man Ses Surface (1), Mean Dynamic Topography (1) Man Ses Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) Man Ses Surface (1),	CS_OFFL_SIR_GOP_220210218T073518_20210218T082455_C001	Topography (1), Total Geocentric Ocean	
Concerner_SR_GOV202102181100410_202102181100410_2001 Treegraphy (1) Treegraphy height (existion 1) for one in more records CS_OFFL_SR_GOP_2_202102181100410_202102181105347_C001 Mean Ses Surface (1), Mean Dynamic Teres is an entry with the MSS height (solution 1) and the Mean Dynamic Teres (2), Mean Sea Surface (1), Mean Dynamic Teres (2), Mean	CS_OFFL_SIR_GOP_220210218T082455_20210218T091432_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
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CS_OFFL_SIR_GOP_2_20210218T14234_20210218T142302_0001 Topography (1) Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T14234_20210218T122302_0001 Mean Sea Surface (1), Mean Dynamic Topography Leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T123302_20210218T132239_0001 Mean Sea Surface (1), Mean Dynamic Topography Leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T132239_20210218T141216_C001 Mean Sea Surface (1), Mean Dynamic Topography Leight (solution 1) and the Mean Dynamic Topography Leight (solution 1) for one or more records <t< td=""><td>CS_OFFL_SIR_GOP_220210218T100410_20210218T105347_C001</td><td></td><td>There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records</td></t<>	CS_OFFL_SIR_GOP_220210218T100410_20210218T105347_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_CFFL_SIR_GOP_2_202102181143230_202102181142330_2001 Topography (1) Topography (1) Topography (1) Topography leight (solution 1) for one or more records CS_CFFL_SIR_GOP_2_202102181132239_202102181141216_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) the Total Geocentric Ocean Tide (CST), Non-Equilibrium Long Period CCean Tide CS_OFFL_SIR_GOP_2_202102181141216_202102181150154_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181150154_202102181150154_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181150154_202102181150154_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181150154_202102181165131_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181165131_202102181164108_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181164108_202102181164108_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181164108_202102181173046_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218116408_202102181182023_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218116408_202102181182023_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218116408_202102181182023_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218116938_C001 Mean Sas Surface (1), Man Dynamic Topography leight (solution 1) for one or more reco	CS_OFFL_SIR_GOP_220210218T105347_20210218T114324_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFF_SIR_GOP_2_20210218114226_20011 Topography (1) Topography (edution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T141216_20011 Mean Sea Surface (1), Mean Dynamic Topography (edution 1), the Total Generatic Ocean Tide (COT), Total Generatic Ocean Tide (SOT),	CS_OFFL_SIR_GOP_220210218T114324_20210218T123302_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20210218T132239_20210218T141216_C001 Topography (1), Total Geocentric Ocean Tide (FCS), Non-Equilibrium Long Period Ocean Tide (FCS), Non-Equilibrium Long Period (CS_OFFL_SIR_GOP_2_20210218T155131_20210218T165131_C001 (FCS_OFFL_SIR_GOP_2_20210218T155131_20210218T164108_C001 (FCS_OFFL_SIR_GOP_2_20210218T155131_20210218T164108_C001 (FCS_OFFL_SIR_GOP_2_20210218T16406_20210218T173046_C001 (FCS_OFFL_SIR_GOP_2_20210218T164108_20210218T173046_C001 (FCS_OFFL_SIR_GOP_2_20210218T173046_20210218T182023_C001) (Fean Sea Surface (1), Mean Dynamic Topography (1) (Fean Sea Surface (1), Mean Dynamic Topography (1) (Fean Sea Surface (1), Mean Dynamic Topography (1) (Fean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records (CS_OFFL_SIR_GOP_2_20210218T173046_20210218T182023_C001) (Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records (CS_OFFL_SIR_GOP_2_20210218T191000_C001 (Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) on one records (CS_OFFL_SIR_GOP_2_20210218T195938_C001 (CS_OFFL_SIR_GOP_2_20210218T19593_C001 (CS_OFFL_SIR_GOP_2_20210218T19593_2001 (CS_OFFL_SIR_GOP_2_20210218T195938_C001 (CS_OFFL_SIR_GOP_2_20210218T204915_C001 (Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) on one or more records (1) Mean Dynamic Topography height (solution 1) for one or more records (2) OFFL_SIR_GOP_2_20210218T213852_C001 (Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height	CS_OFFL_SIR_GOP_220210218T123302_20210218T132239_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_202102181150154_202102181155131_C001 Topography (1) Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T155131_20210218T155131_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T164108_20210218T164108_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T164108_20210218T173046_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T164108_20210218T182023_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T182023_20210218T182023_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T191000_20210218T195938_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T195938_20210218T204915_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_O	CS_OFFL_SIR_GOP_220210218T132239_20210218T141216_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Perioc	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_202102181150134_202102181155131_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181155131_202102181164108_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181164108_202102181173046_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181173046_202102181182023_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181173046_202102181182023_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_202102181182023_202102181191000_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_202102181191000_202102181195938_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) Total Geocentric Ocean Tide height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181195938_202102187204915_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) Total Geocentric Ocean Tide height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_202102187204915_20210218723802_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218722830_20210218723807_C001	CS_OFFL_SIR_GOP_220210218T141216_20210218T150154_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_202102181164108_202102181164108_C001 Topography (1) Topography (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102181164108_202102181173046_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_202102181173046_202102181182023_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_202102181182023_202102181191000_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_202102181191000_202102181195938_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_202102181191000_202102181195938_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_202102181195938_202102181204915_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_202102181204915_202102181204915_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_202102181204915_202102181213852_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOP_2_2021021	CS_OFFL_SIR_GOP_220210218T150154_20210218T155131_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_202102181173046_202102181173046_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T173046_20210218T182023_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T182023_20210218T191000_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T191000_20210218T195938_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T195938_20210218T204915_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T204915_20210218T213852_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T204915_20210218T22830_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T213852_20210218T22830_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1	CS_OFFL_SIR_GOP_220210218T155131_20210218T164108_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_202102181173046_202102181182023_c001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T182023_20210218T191000_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records CS_OFFL_SIR_GOP_2_20210218T195938_20210218T204915_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: GOT) for one or more records CS_OFFL_SIR_GOP_2_20210218T204915_20210218T204915_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_20210218T204915_20210218T213852_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_20210218T213852_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T222830_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T223807_C001 Me	CS_OFFL_SIR_GOP_220210218T164108_20210218T173046_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_202102181182023_202102181191000_C0011 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T191000_20210218T195938_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records CS_OFFL_SIR_GOP_2_20210218T195938_20210218T204915_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T204915_20210218T213852_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T204915_20210218T213852_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T204915_20210218T223830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T223830_20210218T223830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T223830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T223807_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_G	CS_OFFL_SIR_GOP_220210218T173046_20210218T182023_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20210218T191000_20210218T195938_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1) and the Total Geocentric Ocean Tide (GOT) CS_OFFL_SIR_GOP_2_20210218T195938_20210218T204915_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T204915_20210218T213852_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T204915_20210218T223830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T231807_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records 6.5 P2P Measurement Confidence Data Check Solution 1 Solution 1) for one or more records	CS_OFFL_SIR_GOP_220210218T182023_20210218T191000_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_202102181195938_202102181204915_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T204915_20210218T213852_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_20210218T213852_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T221807_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records 6.5 P2P Measurement Confidence Data Check Sea Surface Surfa	CS_OFFL_SIR_GOP_220210218T191000_20210218T195938_C001	Topography (1), Total Geocentric Ocean	
CS_OFFL_SIR_GOP_2_202102181204915_202102181213852_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_202102187213852_202102187222830_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOP_2_202102187222830_202102187221807_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records 6.5 P2P Measurement Confidence Data Check Example Confidence Data Check	CS_OFFL_SIR_GOP_220210218T195938_20210218T204915_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_202102181213852_202102181222830_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOP_2_20210218T222830_20210218T231807_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records 6.5 P2P Measurement Confidence Data Check	CS_OFFL_SIR_GOP_220210218T204915_20210218T213852_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220210218122830_202102181231807_C001 Topography (1) Topography height (solution 1) for one or more records 6.5 P2P Measurement Confidence Data Check	CS_OFFL_SIR_GOP_220210218T213852_20210218T222830_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	CS_OFFL_SIR_GOP_220210218T222830_20210218T231807_C001		There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	6 5 P2P Maggurament Confidence Data Check		
CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.			
Number of products with errors: 1		asurement record. The bit value of this flag inc	licates any problems when set.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220210218T231807_20210219T000745_C002	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

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

P2P Retracking Flags PLRM

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

30

Number of products with errors:

7. GOP QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_GOPM1B	194	194	3	191	0
SIR_GOPR1B	128	128	0	128	0
SIR_GOPN1B	100	100	1	99	0
SIR_GOPM_2	194	194	139	55	0
SIR_GOPR_2	128	128	33	91	4
SIR_GOPN_2	100	100	37	63	0
SIR_GOP_P2P	29	29	0	25	4

7.1 QCC Errors

Number of QCC reports with errors:

reports with er	rors:	8								
				Total number	of occurrences	of each error				
RLOBOPNCDF	RL	RL	RLOBOPNCDF	RL	RL	-	-	-	-	-
4	1	4	4	1	4					
RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
4	4	4	4							
	RLOBOPNCDF 4	4 1	RLOBOPNCDF RL RL 4 1 4	RLOBOPNCDF RL RLOBOPNCDF 4 1 4 4	RLOBOPNCDF RL RL RLOBOPNCDF RL 4 1 4 4 1	Total number of occurrences RLOBOPNCDF RL RL RL 4 1 4 4 1 4	Total number of occurrences of each error RLOBOPNCDF RL RL - 4 1 4 4 1 4	Total number of occurrences of each error RLOBOPNCDF RL RL - - 4 1 4 1 4 - -	Total number of occurrences of each error RLOBOPNCDF RL RL - </td <td>Total number of occurrences of each error RLOBOPNCDF RL RLOBOPNCDF RL -</td>	Total number of occurrences of each error RLOBOPNCDF RL RLOBOPNCDF RL -

Test Description Key:	est Description Key:					
Abbreviation	Test name	Details				
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7				
RL	RangeLatitude_6	Latitude should be between -90E6 and 90E6				
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7				
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7				
RL	RangeLongitude_6	Longitude should be between -180E6 and 180E6				
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7				

7.2 QCC Warnings

Number of QCC reports with warnings

Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	hber of occurrences of MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRM
SIR GOPM1B	191	0	0	0	0	0	0
SIR GOPM 2	0	0	40	41	0	44	0
SIR GOPN1B	99	0	0	0	0	0	0
SIR GOPN 2	0	0	7	29	6	21	25
SIR GOPR1B	122	0	0	0	0	0	0
SIR_GOPR_2	0	4	22	42	0	30	27
						I.	
Product Type	RBSZOPOEPNCDF	RDTCONCDF	RIBCONCDF	RMSSGHOPONCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSA
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	38	0	0	1	0	35	0
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	15	1	1	0	0	0	0
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	14	0	0	0	3	0	43
				•			
Product Type	RPEPOPFDPLRMSINN	CDIRPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	0	0	0	27	0	0	9
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	13	0	30	0	0	23	12
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	0	54	0	0	37	0	4
			r			n	1
Product Type	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	25	0	6	34	0	6	0
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	42	55	33	25	25	12	0
SIR_GOPR1B	0	0	0	0	0	0	1
SIR_GOPR_2	66	24	15	24	41	4	0
Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	
SIR_GOP_2_	19	28	28	5	28	16	27
Product Type	RDTCONCDF	RIBCONCDF	RMSSGHOPONCDF	RNELPOTONCDF	RPEPOPFDPLRMSINNCD	RPEPOPEDSINNCDE	RPEPOPSINNCDF
SIR GOP 2	1	1	1	3	14	26	20
SIN_GOF_2_	1	1	1	5	14	20	20
Product Type	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF

Test Description Key:		
Abbreviation	Test name	Details
BCSHNCDF	BurstCounterStep20HzNetCDF	The burst counter should be one higher with regard to the previous burst counter
IOHHMOOR	IndexOf1Hzin20HzMappingOutOfRange	The mapping of 20 Hz to 1 Hz measurements should be in the range 0 to (number of 1 Hz samples - 1)
MVIOEPFDNCDF	MissingValueIntOceanExcludingPolarFD2NetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIOEPNCDF	MissingValueIntOceanExcludingPolarNetCDF	The value should not be a 'missing value' for surface type 0 only for latitudes between -70 and 70 degrees
MVIONCDF	MissingValueIntOceanNetCDF	The value should not be a 'missing value' for surface type 0 only
RBSZOPOEPFDNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2NetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPFDPLRM NCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarFD2PLRMNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RBSZOPOEPNCDF	RangeBackscatterSigmaZeroOPOceanExcludingPolarNetCDF	The backscatter sigma zero should be between 700 and 7500 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RDTCONCDF	RangeDryTroposphericCorrectionOceanNetCDF	The Dry tropospheric correction should be between -2500mm and -1900mm (or missing) for surface type = ocean - NetCDF

RIBCONCDF	RangeInverseBarometricCorrectionOceanNetCDF	The Inverse barometric correction should be between -2000mm and 2000mm (or missing) for surface type = locean - NetCDF
RMSSGHOPONCDF	RangeMSSGeoidHeightOPOceanNetCDF	The MSS/geoid height should be between -106000mm and 88000mm (or missing) for surface type = ocean - NetCDF
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) fo surface type = ocean
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
CDF	RangePeakinessExcludingPolarOPFD2PLRMSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSARNCDF	RangePeakinessExcludingPolarOPFD2SARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDSINNCDF	RangePeakinessExcludingPolarOPFD2SINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPLRMNCDF	RangePeakinessExcludingPolarOPLRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSARNCDF	RangePeakinessExcludingPolarOPSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPSINNCDF	RangePeakinessExcludingPolarOPSINNetCDF	The Peakiness should be between 0 and 90000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSSBCONCDF	RangeSeaStateBiasCorrectionOceanNetCDF	The sea state bias correction should be between -500mm and 0mm (or missing) for surface type = ocean
RSSHAOFDNCDF	RangeSeaSurfaceHeightAnomalyOceanFD3NetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
F	RangeSeaSurfaceHeightAnomalyOceanFD3PLRMNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSSHAONCDF	RangeSeaSurfaceHeightAnomalyOceanNetCDF	The sea surface height anomaly should be between -3000mm and 3000mm (or missing) for surface type = ocean
RSWHOEPFDNCDF	RangeSignificantWaveHeightOceanExcludingPolarFD2NetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
DF	RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RSWHOEPNCDF	RangeSignificantWaveHeightOceanExcludingPolarNetCDF	The significant wave height should be between 0mm and 15000mm (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
SPHRTASCNSNCDF	SPH_Rel_Time_ASC_Node_Start_v2_NetCDF	#N/A
SOOHHIFHD	SameOrOneHigher1HzIndexFor20HzData	The 1 Hz index of a 20 Hz sample should be the same or 1 higher than its previous sample
SCSTODHRNCDF	SequenceCounterStepTODHRNetCDF	The sequence counter should be modulo 4 higher with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

1

Product name

Product name CS_OFFL_SIR_GOP_2_20210218T000842_20210218T005819_C002