

QA4EO Daily Report for GOP data:

<u>10/02/2022</u>

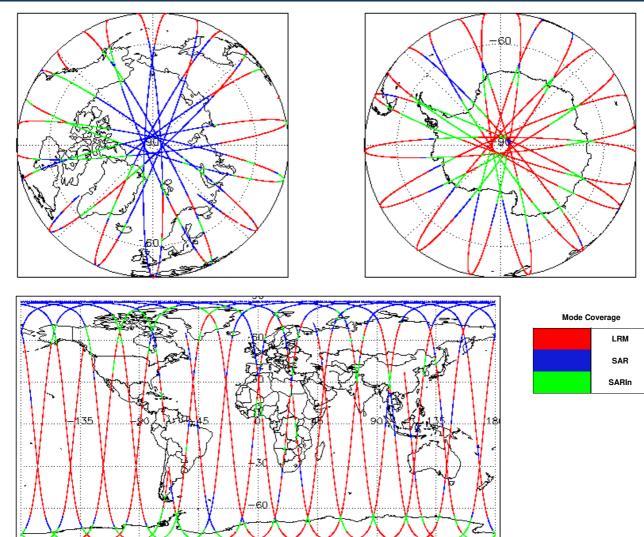
IDEAS-QA4E0

an art Draduation.	14 Mar 2022	Check	L1 & L2	P2P
Report Production:	14-Mar-2022	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	Crucest Occan Brasser	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Usea:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
Data Useu:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6 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 and 7.1

1. Overview

Mission / Instrument News		
09-Feb-2022	None	
10-Feb-2022	None	
11-Feb-2022	Nothing planned	





3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

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

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

4.2 L1B Product Header Analysis					
For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.					
	OPR and GOPN products beca	use 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-de	etermined baseline and also to c	heck the validity of Auxiliary Data Files is correct.			
Number of products with errors: 0					
4.4 L1B Auxiliary Correction Error Check					
CryoSat L1B data includes a correction error flag for each measurement record. T	he bit value of this flag indicates	s any problems when set.			
Number of products with errors: 0					
4.5 L1B Measurement Confidence Data Check					
	treased. The bit value of this fie				
CryoSat L1B data includes a measurement confidence flag for each measurement					
Attitude Correction Missing: This flag is currently set in error for GOPR product: Number of products with errors: 1	s due to a configuration issue. I	his is being investigated and will be updated in the next SW update.			
•					
Product	Test Failed	Description There is an error in the scaling of the L1B waveform for one or more			
CS_OFFL_SIR_GOPM1B_20220210T005426_20220210T005506_C001	Power scaling error	records			
4.6 L1B Waveform Group Data Check					
CryoSat L1B data includes a waveform data flag for each measurement record. The	-	any problems when set.			
Loss of Echo Flag: This flag is currently set for some products over land, but this	s is to be expected.				
Number of products with errors: 14					
Product	Test Failed	Description			
CS_OFFL_SIR_GOPM1B_20220210T000548_20220210T000704_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPM1B_20220210T034036_20220210T040859_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPM1B_20220210T111550_20220210T112521_C001 CS_OFFL_SIR_GOPM1B_20220210T161312_20220210T164119_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_GOPN1B_20220210T010637_20220210T010902_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220210T010914_20220210T011101_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220210T091820_20220210T091934_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220210T123323_20220210T123734_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220210T172844_20220210T173014_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPN1B_20220210T175048_20220210T175255_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20220210T074014_20220210T075021_C001 CS_OFFL_SIR_GOPR1B_20220210T123004_20220210T123323_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20220210T204506_20220210T204819_C001	Loss of Echo	The tracking echo is missing for one or more records			
CS_OFFL_SIR_GOPR1B_20220210T213810_20220210T214133_C001	Loss of Echo	The tracking echo is missing for one or more records			
5. GOP Level 2 Data Quality Check					
5.1 L2 Product Format Check					
Each product, retrieved and unpacked from the science server, is checked to ensu	ure it consists of both an XML h	eader file (.HDR) and a NetCDF product file (.nc).			
Number of products with errors: 0					
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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					
5.2.1.2. Auviliany Data File Haago Chaok					
5.3 L2 Auxiliary Data File Usage Check					
Each product is checked for missing Data Set Descriptors with respect to a pre-de	etermined baseline and also to c	heck the validity of Auxiliary Data Files is correct.			
lumber of products with errors: 0					
5.4 L2 Auxiliary Correction Error Check					
For all products, the auxiliary corrections within the Geophysical Group are checke	ed for the default error value (32	767).			
For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). Currently, there are some common auxiliary correction errors raised in the Level 2 products that are expected, due to surface type. All common flags are summarised in the list below,					
followed by a table highlighting any additional issues that may arise from th					
> ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below.					
> Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.					
> Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.					
Number of products with errors: 50					
Product	Test Failed	Description			

Fibduct	Test Falled	Description
CS_OFFL_SIR_GOPN_2_20220210T000910_20220210T001253_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_GOPN_2_20220210T010637_20220210T010902_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_20220210T010914_20220210T011101_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_20220210T014922_20220210T015113_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_20220210T015933_20220210T020149_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_20220210T024630_20220210T025100_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_20220210T032859_20220210T033038_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_20220210T050856_20220210T051236_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_20220210T064823_20220210T065141_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_20220210T065653_20220210T065819_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_20220210T073911_20220210T074014_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_20220210T083600_20220210T083707_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_20220210T091820_20220210T091934_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_20220210T115133_20220210T115715_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_20220210T123323_20220210T123734_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_20220210T124429_20220210T124446_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_20220210T132213_20220210T132435_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_20220210T133104_20220210T133418_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_20220210T141208_20220210T141557_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_20220210T151156_20220210T151313_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_20220210T154655_20220210T155251_C001	GPD Wet Tropospheric Correction	There is an error with the GPD Wet Tropospheric correction for one or more records
CS_OFFL_SIR_GOPN_2_20220210T165103_20220210T165219_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_20220210T175048_20220210T175255_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_20220210T182107_20220210T182233_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_20220210T182754_20220210T183103_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_20220210T200050_20220210T200257_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_20220210T200654_20220210T201025_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_20220210T214133_20220210T214408_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_20220210T223640_20220210T223801_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1), the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20220210T231702_20220210T232256_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_20220210T004036_20220210T004616_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_20220210T010021_20220210T010637_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_20220210T024204_20220210T024630_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_20220210T055957_20220210T060745_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_20220210T074014_20220210T075021_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_20220210T091934_20220210T092650_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_20220210T105849_20220210T110608_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_20220210T123735_20220210T124255_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_20220210T124255_20220210T124429_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_20220210T141557_20220210T142429_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_20220210T155251_20220210T160033_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_20220210T173225_20220210T173844_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_20220210T173844_20220210T174157_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_20220210T174541_20220210T174557_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_20220210T190757_20220210T191744_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_20220210T191744_20220210T191920_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_20220210T205019_20220210T205642_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_20220210T205642_20220210T205809_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_20220210T222952_20220210T223527_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_20220210T223527_20220210T223640_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

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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:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220210T005426_20220210T005506_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 (20 Hz)

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

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20220210T000548_20220210T000704_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_20220210T001253_20220210T002039_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_20220210T002229_20220210T003800_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records
CS_OFFL_SIR_GOPM_2_20220210T005521_20220210T005522_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_20220210T011559_20220210T014848_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_20220210T015113_20220210T015327_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_20220210T015338_20220210T015933_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_20220210T020149_20220210T022751_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

CS_OFFL_SIR_GOPM_2_20220210T030001_20220210T032732_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_20220210T033038_20220210T033155_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_20220210T033324_20220210T033745_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_20220210T034036_20220210T040859_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_20220210T040902_20220210T041040_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_20220210T043331_20220210T050639_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_20220210T051236_20220210T051815_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_20220210T051936_20220210T052558_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_20220210T055713_20220210T055830_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_20220210T061154_20220210T064623_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_20220210T065141_20220210T065653_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_20220210T065837_20220210T071834_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_20220210T073630_20220210T073635_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_20220210T075021_20220210T082414_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_20220210T082922_20220210T083142_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_20220210T083148_20220210T083600_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_20220210T083756_20220210T090628_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_20220210T090653_20220210T091421_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_20220210T091633_20220210T091820_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_20220210T093219_20220210T094118_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_20220210T094559_20220210T094748_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_20220210T094750_20220210T095758_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_20220210T095945_20220210T100345_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_20220210T100522_20220210T101041_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_20220210T102152_20220210T103416_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_20220210T103623_20220210T104816_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

GL CHTL BIR COMM 2 ADDRESTITI INCO 2020/1111/2021 (2021) Deep AMmer Regin SPAN, DMI Deep AMmer Regin SPAN, DMI Deep AMmer Regin SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2020/1111/2021 (2021) Deep AMmer Regin SPAN, DMI Deep AMmer Regin SPAN, DMI Deep AMmer Regin SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2022/11111/2021 (2021) DEEP AMmer Regin SPAN, DMI DEEP AMmer Regin SPAN, DMI DEEP AMMER REGIN SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2022/11111/2021 (2021) DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2022 DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2022 DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2022 DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI DEEP AMMER REGIN SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2022 DEEP AMMER REGIN SPAN, DMI GL CHTL BIR COMM 2 ADDRESTITI INCO 2012 DEEP AMMER REGIN SPAN, DMI ANDRESTITI INCO 2012 DEEP AMMER REGIN SPAN, DMI ANDRESTITI INCO 2012 DEEP AMMER REGIN SPAN, DMI AND REGIN SPA	CS_OFFL_SIR_GOPM_2_20220210T105058_20220210T105248_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
CH DHS_SHR_GOPM_2_2022101112212_20220101114234_COM and Balacentro Guardy Regio Campo part to CUCO Advision Regio and Balacentro Guardy Regio Notice CR_COPE_SIR_GOPM_2_20220101114243_COM COMD_Advision Regio Calify, COM To COMD_Advision Regio Calify, COM CR_COPE_SIR_GOPM_2_20220101114243_COM COMD_Advision Regio Calify, COM To COMD_Advision Regio Calify, COM CR_COPE_SIR_GOPM_2_20220101112017_202202101110184_COM COMD_Advision Regio Calify, COM To COMD_Advision Regio Calify, COM CR_COPE_SIR_GOPM_2_2022010112019_202202101112018_COM Common Regio Calify, COM To Common Regio Calify, COM To Common Regio Calify, COM CR_COPE_SIR_GOPM_2_2022010112019_202202011112018_COM Common Regio Calify, COM To Common Regio Calify, COM To Common Regio Calify, COM CR_COPE_SIR_GOPM_2_2022010112019_202202011112019_COM Common Regio Calify, COM To Common Regio Calify, COM The Common Regio Calify, COM CR_COPE_SIR_GOPM_2_2022010112019_202202010112019_COM Common Regio Calify, COM The Common Regio Calify, COM The Common Regio Calify, COM CR_COPE_SIR_GOPM_2_2022010112019_COM Common Regio Calify, COM The Common	CS_OFFL_SIR_GOPM_2_20220210T111550_20220210T112521_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Column Calification Calify Jack on an increase Column Calify Calif	CS_OFFL_SIR_GOPM_2_20220210T112723_20220210T114254_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Control and control and control in Statute (1111) Based control and conternation and control and control and control and c	CS_OFFL_SIR_GOPM_2_20220210T114448_20220210T114943_C001		
CB: 0FH, SB: 00PM, 2: x0220101110242, 20220101122107, C011 Intersteel Range, SB: X0PM, Colling, SB:	CS_OFFL_SIR_GOPM_2_20220210T115017_20220210T115133_C001		
C5: OFFL SIN GOPM 2 2822210T12212 28222210T122129 2022210T12219 0021 Intro Dear Althree Fage, SSIA, SWI and to our a max ecols. Intro Doar Althree Fage, SSIA, SWI and to our a max ecols. C5: OFFL SIN GOPM 2 2822210T12219 2822210T12219 0021 Doars Althree Fage, SSIA, SWI and the OOC Althree Fage, SSIA, SWI and the OOC Althree Fage, SSIA, SWI and the OOC Althree Fage and Backacatter Caulty Fage and the OOC Althree Fage and Backacatter Caulty Fage and the OOC Althree Fage and Backacatter Caulty Fage have been set for an or mox ecols. C5: OFFL SIN GOPM 2 2822210T132092 2022210T132092 20222210T132092 2022210T132092 2022210T132092 2022210T1320	CS_OFFL_SIR_GOPM_2_20220210T115745_20220210T115956_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_CPFL_SH_SOPM_2_S0220210113201_S0220210113201_C001 American Response Temps Charles Factore Temps Charles Factore Temps Charles Factore Temps and Backacetter Charles Factore Temps and Backacetter Charles Factore Temps Charl	CS_OFFL_SIR_GOPM_2_20220210T122129_20220210T122357_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Caperty Support Construction Bastacter Capity Lev one or more needs CS. OFFL SIR GOPM 2: 202202101132032: 202202101132042: 20220210113	CS_OFFL_SIR_GOPM_2_20220210T130518_20220210T132209_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Display Display Is or use or more records C5. OFFL_SIR_GOPM_2_0022010T15804_2022210T140039_C001 Command Ammere Range, SSHA, SWH and Backscatter Cuality Flags have been Attimeter Range and Backscatter Cuality Command and Backscatter Cuality Flags have been and Backscatter Cuality Flags have been and Backscatter Cuality Command and Backscatter Cuality Flags have been and Backscatter Cuality Command and Backscatter Cuality Flags have been and Backscatter Cuality Command and Backscatter Cuality Command and Backscatter Cuality Flags have been and Backscatter Cuality Command and Backscatter Cuality Flags have been and Backscatter Cuality Command and Backscatter Cuality Command and Backscatter Cuality Flags have been and and Backscatter Cuality Command and Backscatter Cuality Flags have been and and Backscatter Cuality Command and Backscatter Cuality Flags have been and and Backscatter Cuality Command and Backscatter Cuality Command and Backscatter Cuality Flags have been and backscatter Cuality Flags have been and	CS_OFFL_SIR_GOPM_2_20220210T132435_20220210T132911_C001		
CS_OFFL_SIR_GOPM_2_20220210T13554_20220210T16151_0001 and Backscater Quality. OCOG and the OCOC Altimeter Range and Backscatter Quality Flags have been Attreater Range and Backscatter Quality. Flags have been set for one runce records CS_OFFL_SIR_GOPM_2_20220210T14514_20220210T150151_0001 Ocean Altimeter Range Quality. OCOG Attreater Range and Backscatter Quality Flags have been set for one runce records CS_OFFL_SIR_GOPM_2_20220210T154142_0220210T154129_COD1 Cocean Altimeter Range Attreater Status Attreater Range and Backscatter Quality Flags have been set for one runce records CS_OFFL_SIR_GOPM_2_20220210T154129_COD1 Cocean Altimeter Range ASIS. SWH and Backscatter Quality Flags have been set for one runce records CS_OFFL_SIR_GOPM_2_20220210T164132_0220210T16419_COD1 Cocean Altimeter Range ASIS. SWH and Backscatter Quality Flags have been set for one runce records CS_OFFL_SIR_GOPM_2_20220210T164132_0220210T16419_QOD1 Cocean Altimeter Range ASIS. SWH and Backscatter Quality Flags have been set for one runce records CS_OFFL_SIR_GOPM_2_20220210T164132_0220210T16	CS_OFFL_SIR_GOPM_2_20220210T132932_20220210T133104_C001		
CS_OFFL_SIR_GOPM_2_20220101143514_202202101150813_C001 and the COGG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101150807_202202101150813_C001 COCG Altimeter Range Quality.COCG Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101150807_20220210115186_001 COCG Altimeter Range Quality.COCG Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101154828_0001 COCG Altimeter Range Quality.COCG Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210115445_20202101154455_0001 COCG Altimeter Range SHA SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210115445_20202101154455_0001 COCG Altimeter Range SHA SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210115405_0001 COCG Altimeter Range SHA SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101161032_02202101164055_0001 COCG Altimeter Range CSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101161032_02202101164192_0001 COCG Altimeter Range Quality.COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101164132_02202101164192_0001 COCG Altimeter Range Quality.COCG Altimeter Range and Backscatter Quality Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20220210T133504_20220210T140039_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_DPFL_SIR_GOPM_2_20220210T150382_20220210T151516_C001 Backscatter Quality Code Alimeter Range Quality, CCG The OCGO Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T151414_20220210T164252_C001 Code Alimeter Range SAHA, SWH and Backscatter Quality Flags have been set for one or more records The OCGO Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164354_20220210T164655_C001 Code Alimeter Range SAHA, SWH and Backscatter Quality Flags have been set for one or more records The OCGO Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164354_20220210T164359_C001 Code Alimeter Range SUHA, SWH and Backscatter Quality Flags have been set for one or more records The OCGO Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T161312_20220210T164319_C001 Code Alimeter Range Quality, CCGO RAImeter Range and Backscatter Quality Flags have been set for one or more records The OCGO Alimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T161312_20220210T164319_C001 Code Alimeter Range Quality, CCGO RAImeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164334_20220210T164319_C001 Code Alimeter Range Quality, CCGO RAImeter Range and Backscatter Quality Flags have been set for one or more records <td>CS_OFFL_SIR_GOPM_2_20220210T143514_20220210T150151_C001</td> <td>and Backscatter Quality, OCOG</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_GOPM_2_20220210T143514_20220210T150151_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OS. DFFL_SIR_GOPM_2_20220210T151414_20220210T154229_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20220210T151414_20220210T154229_C001 Decen Atimater Range, SSHA, SWH and Backscatter Quality The Ocean Atimater Range, SSHA, SWH and the OCOG Atimater Range, SSHA, SWH and the OCOG Atimater Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG Atimater Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Atimater Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164354_20220210T164355_C001 Decen Atimater Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records The OCOGA Atimater Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T161312_20220210T176133_20220210T176133_20220210T176133_20220210T176133_20220210T1776133_20220210T176133_20220210T1761333_202202010T176133_20220210T176133_20220210T176133_20220210T176	CS_OFFL_SIR_GOPM_2_20220210T150307_20220210T150813_C001		
CS_OFFL_SIR_GOPM_2_20220210T151414_20220210T154229_0001 and Backscatter Quality The OCGA Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_GOPM_2_20220210T154354_20220210T154655_0001 Cean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T161032_20220210T161030_0001 COCGA Altimeter Range Quality, OCGG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T161032_20220210T161132_20220210T161130_0001 CCGA Altimeter Range Quality, OCGG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T161312_20220210T164119_C001 CCGA Altimeter Range Quality, OCCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164720_20220210T164727_C001 CCCGA Altimeter Range Quality, OCCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T164730_20220210T164730_20220210T164730_20220210T164730_20220210T164730_20220210T164730_20220210T176453_0.001 CCGA Altimeter Range Quality, OCCG The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T164730_20220210T178244_0001 CCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The OCGA Altimeter Range and Bac	CS_OFFL_SIR_GOPM_2_20220210T150832_20220210T151156_C001		· · · ·
CS_OFFL_SIR_GOPM_2_20220210T154655_C001 and Backscatter Quality. COCG and the OCOG Altimeter Range and Backscatter Quality Flags have been at tor one or more records CS_OFFL_SIR_GOPM_2_20220210T161032_20220210T161032_20220210T161032_20220210T16119_C001 CocG Altimeter Range Quality. COCG The OCOG Altimeter Range and Backscatter Quality Flags have been set tor one or more records CS_OFFL_SIR_GOPM_2_20220210T16112_20220210T164119_C001 CocG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set tor one or more records CS_OFFL_SIR_GOPM_2_20220210T16412_20220210T164119_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set tor one or more records CS_OFFL_SIR_GOPM_2_20220210T164250_20220210T164727_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set tor one or more records CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T165103_C001 OCCG Altimeter Range Quality, OCCG The OCCG Altimeter Range and Backscatter Quality Flags have been set tor one or more records CS_OFFL_SIR_GOPM_2_20220210T165334_20220210T172644_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set tor one or more records CS_OFFL_SIR_GOPM_2_20220210T174533_20202010T174533_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set tor one or more records CS_OFFL_SIR_GOPM_2_20220210T174533_20202010T174533_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set tor one or more records	CS_OFFL_SIR_GOPM_2_20220210T151414_20220210T154229_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161312_20220210T161313_20220210T161313_20220210T161313_20220210T161313_20220210T161313_20220210T16133_20220210T16133_20220210T16133_20220210T16133_20220210T16133_20220210T16133_20220210T165103_C001 Docean Altimeter Range Add Backscatter Quality The OCcean Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T165103_C001 DCCG Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T175432_C001 DCCean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T174157_20220210T174339_C001 DCean Altimeter Range, SHA, SWH and Backscatter Quality Flags have been and Backscatter Quality OCCG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality COCG Altimeter Range and Backscatter Quality Flags have been and Backscatte	CS_OFFL_SIR_GOPM_2_20220210T154354_20220210T154655_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220210T161312_20220210T164119_C001 and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_GOPM_2_20220210T164250_20220210T164727_C001 CCOG Altimeter Range Quality, CCOG CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T165103_C001 CCOG Altimeter Range Quality, CCOG CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T165103_C001 CCOG Altimeter Range Quality, CCOG CS_OFFL_SIR_GOPM_2_20220210T165334_20220210T175844_C001 CCOG Altimeter Range, SSHA, SWH And Backscatter Quality Ccean Altimeter Range, SSHA, SWH and Backscatter Quality CCOG Altimeter Range, SSHA, SWH and Backscatter Quality CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Ccean Altimeter Range, SSHA, SWH and Backscatter Quality CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Ccean Altimeter Range, SSHA, SWH and Backscatter Quality CCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20220210T174157_20220210T17433_C001 Ccean Altimeter Range, SSHA, SWH and Backscatter Quality Ccean Altimeter Range, SSHA, SWH and Backscatter Quality CCOG Altimeter Range, SSHA, SWH and Backscatter Quality Ccean Altimeter Range, SSHA, SWH C	CS_OFFL_SIR_GOPM_2_20220210T161032_20220210T161309_C001		
US_OFFL_SIR_GOPM_2_20220210T164220_20210T165103_C001 Backscatter Quality tor one or more records CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T165103_C001 OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T165334_20220210T172844_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T174157_20220210T174339_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality, OCOG Altimeter Range, and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been attrimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been attrimeter Range and Backscatter Quality, OCOG Gen Altimeter Range	CS_OFFL_SIR_GOPM_2_20220210T161312_20220210T164119_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_202202101164/30_202202101165103_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_202202101165334_202202101172844_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101174157_202202101174157_202202101174339_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_202202101174157_202202101175453_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality COCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality Fla	CS_OFFL_SIR_GOPM_2_20220210T164250_20220210T164727_C001		
CS_OFFL_SIR_GOPM_2_20220210T165334_20220210T172844_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and the OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T174157_20220210T174339_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality The 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 and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been alt for one or more records CS_OFFL_SIR_GOPM_2_20220210T182233_20220210T182754_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range a	CS_OFFL_SIR_GOPM_2_20220210T164730_20220210T165103_C001		
CS_OFFL_SIR_GOPM_2_20220210T174157_20220210T174339_C001 and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T175333_20220210T175453_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Attimeter Range and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags to ne or more records CS_OFFL_SIR_GOPM_2_20220210T181740_20220210T182048_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 and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T181740_20220210T182048_C001 Ocean Altimeter Range Quality, OCOG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T182233_20220210T182754_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality The OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T183325_20220210T185602_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20220210T165334_20220210T172844_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220210T175333_20220210T175453_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality set for one or more records CS_OFFL_SIR_GOPM_2_20220210T181740_20220210T182048_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 to one or more records CS_OFFL_SIR_GOPM_2_20220210T182233_20220210T182754_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_20220210T182233_20220210T182754_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_20220210T183325_20220210T185602_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been been	CS_OFFL_SIR_GOPM_2_20220210T174157_20220210T174339_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220210T181740_20220210T182048_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPM_2_20220210T182233_20220210T182754_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_20220210T182233_20220210T182754_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG	CS_OFFL_SIR_GOPM_2_20220210T175333_20220210T175453_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220210T182233_20220210T182754_C001 Backscatter Quality for one or more records CS_OFFL_SIR_GOPM_2_20220210T183325_20220210T185602_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20220210T181740_20220210T182048_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20220210T183325_20220210T185602_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20220210T182233_20220210T182754_C001		
	CS_OFFL_SIR_GOPM_2_20220210T183325_20220210T185602_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPM_2_20220210T185847_20220210T190757_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_20220210T192025_20220210T192413_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_20220210T192733_20220210T192757_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_20220210T193128_20220210T193643_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_20220210T194009_20220210T194457_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_20220210T194644_20220210T195959_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_20220210T200257_20220210T200654_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_20220210T201242_20220210T201900_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_20220210T201909_20220210T202441_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_20220210T202706_20220210T204506_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_20220210T204853_20220210T204857_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_20220210T210403_20220210T211006_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_20220210T211111_20220210T213434_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_20220210T214903_20220210T215031_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_20220210T215235_20220210T215929_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_20220210T215949_20220210T220912_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_20220210T221502_20220210T222205_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_20220210T222640_20220210T222812_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_20220210T223801_20220210T224139_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_20220210T224336_20220210T224645_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_20220210T224718_20220210T224923_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_20220210T225050_20220210T225906_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_20220210T230526_20220210T231702_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_20220210T232550_20220210T233011_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_20220210T233150_20220210T233857_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_20220210T234011_20220210T234652_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_20220210T234831_20220211T000323_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_20220210T004716_20220210T005040_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_20220210T022751_20220210T023120_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_20220210T023556_20220210T023638_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_20220210T073911_20220210T074014_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_20220210T082538_20220210T082922_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_20220210T002225_20220210T002229_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_20220210T064623_20220210T064823_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_20220210T143037_20220210T143126_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_20220210T221022_20220210T221502_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_20220210T222502_20220210T222515_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_20220210T225906_20220210T230120_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records

L2 Quality Flags (20 Hz PLRM)

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20220210T004716_20220210T005040_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_20220210T010914_20220210T011101_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
C\$_OFFL_SIR_GOPN_2_20220210T011200_20220210T011219_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_20220210T011435_20220210T011559_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_20220210T015933_20220210T020149_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_20220210T024133_20220210T024204_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_20220210T024630_20220210T025100_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_20220210T025637_20220210T025903_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_20220210T032859_20220210T033038_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_20220210T033745_20220210T034036_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_20220210T050856_20220210T051236_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_20220210T051815_20220210T051930_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_20220210T053511_20220210T053845_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_20220210T060745_20220210T060917_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_20220210T065653_20220210T065819_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_20220210T082538_20220210T082922_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_20220210T101305_20220210T101451_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_20220210T111153_20220210T111550_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_20220210T115133_20220210T115715_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_20220210T123323_20220210T123734_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_20220210T125410_20220210T125434_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_20220210T125448_20220210T125720_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_20220210T133104_20220210T133418_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_20220210T143142_20220210T143514_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_20220210T151156_20220210T151313_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_20220210T154655_20220210T155251_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_20220210T193643_20220210T194009_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_20220210T200050_20220210T200257_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_20220210T214133_20220210T214408_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_20220210T214601_20220210T214903_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_20220210T215031_20220210T215227_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_20220210T223640_20220210T223801_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_20220210T230420_20220210T230526_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_20220210T231702_20220210T232256_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_20220210T002225_20220210T002229_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_20220210T004036_20220210T004616_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_20220210T010021_20220210T010637_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

DCOM_SHILDOOM_LOOMSTITUTED_USER Deck Attent Rage, BAN, BMI, Mineter Logg and Laboration Conference on an excession. The Shill Attent Rage, BAN, BMI, Mineter Logg and Laboration Conference on an excession. DCOM_SHILDOOM_LOOMSTITUTED_USER DECK Attent Rage, BAN, BMI, Mineter Logg and Laboration Conference on an excession. The Conference on an excession. DCOM_SHILDOOM_LOOMSTITUTED_USER DECK Attent Rage, BAN, BMI, Mineter Logg and Laboration. The Conference on an excession. DCOM_SHILDOOM_LOOMSTITUTED_USER DECK Attent Rage, BAN, BMI, Mineter Long and Laboration. The Conference on an excession. DCOM_SHILDOOM_LOOMSTITUTED_USER DECK Attent Rage, BAN, BMI, Mineter Long and Laboration. The Conference Rage, BAN, BMI, Mineter Long and Laboration. DCOM_SHILDOOM_LOOMSTITUTED_USER DECK Attent Rage, BAN, BMI, Mineter Long and Laboration. The DECK Attent Rage, BAN, BMI, Mineter Long and Laboration. DCOM_SHILDOOM_LOOMSTITUED_USER DECK Attent Rage, BAN, BMI, Mineter Long and Laboration. The DECK Attent Rage, BAN, BMI, Mineter Long and Laboration. DCOM_SHILDOOM_LOOMSTITUED_USER DECK Attent Rage, BAN, BMI, Mineter Rage, BAN, BMI, Minete	CS_OFFL_SIR_GOPR_2_20220210T023756_20220210T024016_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
CCC/T_CONLOUP_CLAURANTININUCLAURANTINIC_COM COCO_Description Calify mm mode CCC/T_CONLOUP_CLAURANTININUCLAURANTINIC COCO_DEscription Calify mm mode CCCC/T_CONLOUP_CLAURANTININUCLAURANTINIC COCO_DEscription Calify mm mode CCCCCC_T_CONLOUP_CLAURANTININUCLAURANTINIC COCO_DESCRIPTION CALIFY mm mode CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_GOPR_2_20220210T024204_20220210T024630_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
action action <td>CS_OFFL_SIR_GOPR_2_20220210T041040_20220210T041121_C001</td> <td></td> <td></td>	CS_OFFL_SIR_GOPR_2_20220210T041040_20220210T041121_C001		
CI_COPPL_DIP_COPPL_2_X0000PERTORNED_LODED_PERTORNED Pertornel Displacement Code/ Ppr Vehic Code CI_COPPL_DIP_COPPL_2_X0000PERTORNED_LODED_PERTORNED Pertornel Displacement Code/ Ppr Vehic Code CI_COPPL_DIP_COPPL_2_X0000PERTORNED Code Antenies Provide Status Antenia Provide Status Anteninformatic Provide Status Antenia Provide Status An	CS_OFFL_SIR_GOPR_2_20220210T041607_20220210T041850_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C6. DFTL SIN. COOPL 2. 20220210735493. 20220210718019.COOPL Interdextent Calling FTML Coople. C6. DFTL SIN. COOPL 2. 20220210735593. 202202107180195.COOPL COOPL SINC CALLING SINCE S	CS_OFFL_SIR_GOPR_2_20220210T050639_20220210T050856_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFF_BIL_COPF_B2022210110001 Webscheiter Cubity FLML CODE Internet Resp. SDR. SWR and Backsatter Cubity Flags have been set for an or the code. CS_OFF_BIL_COPF_B2022210110001 CODE Cubitset Resp. SDR. SWR and Euclose the code or endos. CS_OFF_BIL_COPF_B2022210110001 CODE Cubitset Resp. SDR. SWR and Euclose the code or endos. CS_OFF_SIL_SIL_COPF_B2022210110001 CODE Cubitset Resp. SDR. SWR and Euclose the code or endos. CS_OFF_SIL_SIL_COPF_B2022210110001 CODE Cubitset Resp. SDR. SWR and Euclose the code or endos. CS_OFF_SIL_SIL_COPF_B2022210110001 CODE Cubitset Resp. SDR. SWR and Euclose the code or endos. CS_OFF_SIL_SIL_COPF_B20222101101001 CODE Cubitset Resp. SDR. SWR and Euclose the code or endos. CS_OFF_SIL_SIL_COPF_B202221010101001 CODE Cubitset Resp. SDR. SWR and Euclose the code or endos. CS_OFF_SIL_SIL_COPF_B202221010101001 CODE Cubitset Resp. SDR. SWR and Euclose the code of the endos. CS_OFF_SIL_SIL_COPF_B202221010101001 CODE Cubitset Resp. SDR. SWR and Euclose the code of the endos. CS_OFF_SIL_SIL_COPF_B202221010100101 CODE Cubitset Resp. SDR. SWR and Euclose the code of the endos. CS_OFF_SIL_SIL_COPF_B20222101010021 CODE Cubitset Resp. SDR. SWR and Euclose the code of the endos. CS_OFF_SIL_SIL_COPF_B20222101010021 CODE Cubitset Resp. SDR. SWR and Euclose the code of the endos. CS_OFF_SIL_SIL_COPF_B20222101010021 CODE Cubitset Resp. SDR. SWR and Euclose the code of the endos. CS_OFF_SIL_SIL_COPF_B202221010100	CS_OFFL_SIR_GOPR_2_20220210T054635_20220210T054713_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Corp. Shifl Soft 2, Shifl Soft 2, 20222101102202, 2022210110202, 20221011	CS_OFFL_SIR_GOPR_2_20220210T055957_20220210T060745_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS OFFL SIR GOPR 2 20220210170258 202202101702572 C001 Ministry FLM, COCO Amineter Range And Baselacter Calify Flag and Baselacte	CS_OFFL_SIR_GOPR_2_20220210T060917_20220210T060955_C001		
000 CHL SHL OUTL 2: 202202101703021-202202101703021-CO01 0000 Backcontro Cusity more monotes 000 CHL SHL OUTL 2: 202202101703021-202002101703021-CO01 Minimum Engrage SSHL SVH Amerikanseemen Cusity FIAN, COOL Minimum Engrage SSHL SVH and Backcaster Cusity Fiag. The Ocean Attrinet Fiange SSHL SVH and Backcaster Cusity Fiag. 02. OFFL_SIR_GOPR_2_202202101708280_0001 OCEA Minimum Engrage SSHL SVH and Backcaster Cusity Fiag. The OCEA Attrinet Fiange and Backcaster Cusity Fiag. 02. OFFL_SIR_GOPR_2_202202101708280_0001 OCEA Minimum Engrage SSHL SVH and Backcaster Cusity Fiag. The OCEA Attrinet Fiange Cusity Fiag. 02. OFFL_SIR_GOPR_2_202202101708280_0001 OCEA Minimum Engrage SSHL SVH and Backcaster Cusity Fiag. The OCEA Attrinet Fiange Cusity Fiag. 02. OFFL_SIR_GOPR_2_202202101708280_00010 OCEA Minimum Engrage SSHL SVH and Backcaster Cusity Fiag. The OCEA Research Cusity Fiag. 02. OFFL_SIR_GOPR_2_2022021017108280_0001 OCEA Minimum Engrage SSHL SVH and Backcaster Cusity Fiag. The OCEA Research Cusity Fiag. 02. OFFL_SIR_GOPR_2_2022021017108280_0001 OCEA Minimum Engrage SSHL SVH and Backcaster Cusity Fiag. The OCEA Attrinet Fiange Cusity Fiag. 02. OFFL_SIR_GOPR_2_2022021017108280_0001 OCEA Minimum Fiange SSHL SVH Attrinet Fiange Cusity Fiag. The OCEA Attrinet Fiange SSHL SVH and Backcaster Cusity Fiag. 02. OFFL_SIR_GOPR_2_202202101712829_001 OCEA Attrinet Fiange SSHL SVH Attrinet Fiange and Backcaster Cusity Fiag. The OCEA Attrinet Fiange SSHL SVH and Backcaster Cusity Fiag. 0	CS_OFFL_SIR_GOPR_2_20220210T072658_20220210T072742_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS. OFFL_SIR_GOPR_2_20220210T091934_20220210T0929260_0001 and Backscatter Quality PLBM, COCO Ammeter Range, SSH, SWH and Backscatter Quality Flags have been been definition or more records CS_OFFL_SIR_GOPR_2_20220210T0929260_0001 COCO Attenter Range, SSH, SWH and Backscatter Quality Flags have been approximately classify Flags have been approximately flags have been approximately classify Flags have been approximately flags have been prime The Ocean Att	CS_OFFL_SIR_GOPR_2_20220210T073027_20220210T073153_C001		
CB_OFFL_SIR_GOPR_2_20220210T19814_20220210T198259_0000 and Backscatter Quality FLIM The Coco Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T198269_00220210T198259_00200 COC Alimeter Range Quality PLIM The Coco Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T191502_00200210T191512_C001 Desan Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T191502_00200210T191512_C001 Desan Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T191502_00200210T191520_0000 DOCO Alimeter Range Quality PLIM, OCOC Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T1191520_00200210T1190582_0001 DOCO Alimeter Range Quality PLIM, OCOC Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T1190582_00200210T1190582_0001 DOCOS Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T1190582_00200210T119252_0001 DOCOS Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T112055_00200210T112525_0001 DOCOS Alimeter Range SNA SWH and Backscatter Quality Flags have been set for one or more records CB_OFFL_SIR_GOPR_2_20220210T112625_0020210T112625_0000 </td <td>CS_OFFL_SIR_GOPR_2_20220210T074014_20220210T075021_C001</td> <td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td> <td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td>	CS_OFFL_SIR_GOPR_2_20220210T074014_20220210T075021_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
City PH_SH_GUPH_2_0220210T101526_00220210T101512_0001 OCCOB Backscatter Quality Imore records CS_OFFL_SIR_GOPR_2_00220210T101520_00220210T101512_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLags and the OCOG Altimeter Range, SSHA, SWH and	CS_OFFL_SIR_GOPR_2_20220210T091934_20220210T092650_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T10520_20220210T101812_C001 and Backscatter Quality PLRM, COCO Attemeter Range and Backscatter Quality PLRM, COCO Attemeter Range and Backscatter Quality Flags have been set for one or more across CS_OFFL_SIR_GOPR_2_20220210T105416_20220210T106849_20220210T106849_20220210T106849_20220210T106849_20220210T106849_20220210T106849_20220210T1102829_C001 OccoR Altmeter Range, SSHA, SWH and Backscatter Quality FLBM, COCOR Altmeter Range, SSHA, SWH and Backscatter Quality FLBM, COCOR Altmeter Range, SS	CS_OFFL_SIR_GOPR_2_20220210T092926_20220210T093219_C001		
CS_OFFL_SIR_GOPR_2_20220210T105849_20220210T110608_C001 COCG Backscatter Cuality Immore records CS_OFFL_SIR_GOPR_2_20220210T105849_20220210T110608_C001 COCGA Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the COCG Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the COCG Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the COCG Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the COCG Altimeter Range, SSHA, SWH and Backscatter Cuality Flags and Backscatter Cuality Flags have been at the COCG Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the COCG Altimeter Range, SSHA, SWH and Backscatter Cuality Flags and backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been at the Cocg Altimeter Range, SSHA, SWH and Backscatter Cuality Flags have been	CS_OFFL_SIR_GOPR_2_20220210T101520_20220210T101812_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T105649_20220210T110668_C001 Altimeter Range and Backscatter Quality Flags Ind Ocean Altimeter Range and Backscatter Quality Flags CS_OFFL_SIR_GOPR_2_20220210T112521_20220210T112723_C001 OCCG Altimeter Range Quality Flags The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T123005_20220210T123323_C001 OCCG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T123005_20220210T123323_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T123735_20220210T124255_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T124255_2020210T124255_C001 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T124255_2020210T124255_C0011 Ocean Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T124255_2020210T124255_C0011 OCCG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T124255_2020210T124259_C0011 OCCG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T124255_2020210T12429_C0011 OCCG Altimeter Range, SSHA, SWH The Ocean Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T1414557_20202010T142429_C0011 OCCG Altimeter	CS_OFFL_SIR_GOPR_2_20220210T103416_20220210T103623_C001		
CS_OFFL_SIR_GOPR_2_2022010T12305_20220210T123025_C001 OCOG Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Altimeter Range and Backscatter Quality FLRM, OCOG Alti	CS_OFFL_SIR_GOPR_2_20220210T105849_20220210T110608_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T123005_20220210T123323_C001 and Backscatter Quality PLM, OCCG and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T124255_2022010T124255_C001 OCCG Altimeter Range And Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T125824_20220210T125836_C001 OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T141557_20220210T142429_C001 More Range and Backscatter Quality PLM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T151313_20220210T151414_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T15034_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags	CS_OFFL_SIR_GOPR_2_20220210T112521_20220210T112723_C001		
CS_OFFL_SIR_GOPR_2_20220210T123735_20220210T124255_C001 and Backscatter Quality PLRM, COCIA Interfer Range and Backscatter Quality Flags have been after one or more records CS_OFFL_SIR_GOPR_2_20220210T124255_20220210T124255_20220210T124255_20220210T124255_20220210T124255_20220210T124255_20220210T124255_20220210T124255_20220210T124255_20220210T124255_20220210T125836_C001 Ocean Altimeter Range and Backscatter Quality Flags have been after one or more records CS_OFFL_SIR_GOPR_2_20220210T125824_20220210T125836_C001 OCCG Altimeter Range Quality PLRM, OCCIA The OCCG Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20220210T141557_20220210T142429_C001 OCCGA Altimeter Range, SSHA, SWH The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T151313_20220210T151414_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T151313_20220210T151414_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T150251_20220210T160033_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T160043_20220210T160034_C001 Ocean Altimeter Range, SSHA, SWH The OCCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records <td< td=""><td>CS_OFFL_SIR_GOPR_2_20220210T123005_20220210T123323_C001</td><td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></td<>	CS_OFFL_SIR_GOPR_2_20220210T123005_20220210T123323_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T124255_20220210T124429_C001 and Backscatter Quality PLRM, OCCG Attimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T125824_20220210T125836_C001 OCCG Altimeter Range Quality PLRM, OCCG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T141557_20220210T142429_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T151313_20220210T151414_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T1505251_20220210T160033_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range and Backscatter Quality Flags and the OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the O	CS_OFFL_SIR_GOPR_2_20220210T123735_20220210T124255_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T125824_20220210T142836_C001 OCOG Backscatter Quality more records CS_OFFL_SIR_GOPR_2_20220210T141557_20220210T142429_C001 Mitimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPR_2_20220210T151313_20220210T151414_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPR_2_20220210T155251_20220210T160033_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPR_2_20220210T160043_20220210T160154_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001 Ocean Altimeter Range,	CS_OFFL_SIR_GOPR_2_20220210T124255_20220210T124429_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T141557_20220210T142429_C001and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRMThe Ocean Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more recordsCS_OFFL_SIR_GOPR_2_20220210T155251_20220210T160033_C001Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more recordsCS_OFFL_SIR_GOPR_2_20220210T160043_20220210T160154_C001Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality	CS_OFFL_SIR_GOPR_2_20220210T125824_20220210T125836_C001		
CS_OFFL_SIR_GOPR_2_20220210T151313_20220210T151414_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind Coean 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 and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been ast for one or more records CS_OFFL_SIR_GOPR_2_20220210T160043_20220210T160154_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags an	CS_OFFL_SIR_GOPR_2_20220210T141557_20220210T142429_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T155251_20220210T160033_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM Ind Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been CS_OFFL_SIR_GOPR_2_20220210T160043_20220210T160154_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPR_2_20220210T151313_20220210T151414_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T160043_20220210T160154_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001 and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001 Altimeter Range and Backscatter Quality PLRM, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags	CS_OFFL_SIR_GOPR_2_20220210T155251_20220210T160033_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been est for one or more records	CS_OFFL_SIR_GOPR_2_20220210T160043_20220210T160154_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPR_2_20220210T160234_20220210T160324_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPR_2_20220210T160335_20220210T160451_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_20220210T173014_20220210T173050_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_20220210T173225_20220210T173844_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_20220210T173844_20220210T174157_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_20220210T174339_20220210T174418_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_20220210T175016_20220210T175035_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_20220210T191744_20220210T191920_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_20220210T192757_20220210T192812_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_20220210T193004_20220210T193128_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_20220210T195959_20220210T200050_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_20220210T202441_20220210T202706_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_20220210T204506_20220210T204819_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_20220210T205825_20220210T210226_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_20220210T222952_20220210T223527_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_20220210T225906_20220210T230120_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records
L2 Quality Flags (1 Hz & 1 Hz PLRM)		

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

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Number of products with errors:

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20 Hz)

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

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

Number of products with errors:

L2 Retracking Flags (20 Hz PLRM)

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

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

Number of products with errors:

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

6.1 P2P Product Format Check

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

6.2 P2P Product Header Analysis

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

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

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

6.4 P2P Auxiliary Correction Error Check

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

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

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

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

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

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	Test Failed	Description
S_OFFL_SIR_GOP_2_20220209T232554_20220210T001533_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
S_OFFL_SIR_GOP_2_20220210T001533_20220210T010509_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
S_OFFL_SIR_GOP_2_20220210T010509_20220210T015448_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
S_OFFL_SIR_GOP_2_20220210T015448_20220210T024424_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
S_OFFL_SIR_GOP_2_20220210T024424_20220210T033403_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
S_OFFL_SIR_GOP_2_20220210T042338_20220210T051318_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
S_OFFL_SIR_GOP_2_20220210T051318_20220210T060253_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
S_OFFL_SIR_GOP_2_20220210T060253_20220210T065232_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
S_OFFL_SIR_GOP_2_20220210T065232_20220210T074208_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
S_OFFL_SIR_GOP_2_20220210T074208_20220210T083147_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
S_OFFL_SIR_GOP_2_20220210T083147_20220210T092122_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
S_OFFL_SIR_GOP_2_20220210T092122_20220210T101101_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
S_OFFL_SIR_GOP_2_20220210T101101_20220210T110037_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
S_OFFL_SIR_GOP_2_20220210T110037_20220210T115016_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
S_OFFL_SIR_GOP_2_20220210T115016_20220210T123952_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
S_OFFL_SIR_GOP_2_20220210T123952_20220210T132931_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
S_OFFL_SIR_GOP_2_20220210T132931_20220210T141907_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
S_OFFL_SIR_GOP_2_20220210T141907_20220210T150846_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
S_OFFL_SIR_GOP_2_20220210T150846_20220210T155821_C001	GPD Wet Tropospheric Correction, Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Troposheric Correction, the MSS height (solution 1) and the Mean Dynamic Topography (solution 1) for one or more records
S_OFFL_SIR_GOP_2_20220210T155821_20220210T164800_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
S_OFFL_SIR_GOP_2_20220210T164800_20220210T173736_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
S_OFFL_SIR_GOP_2_20220210T173736_20220210T182715_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
S_OFFL_SIR_GOP_220220210T182715_20220210T191651_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
S_OFFL_SIR_GOP_2_20220210T191651_20220210T200630_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
S_OFFL_SIR_GOP_2_20220210T200630_20220210T205605_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
S_OFFL_SIR_GOP_2_20220210T205605_20220210T214544_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
S_OFFL_SIR_GOP_220220210T214544_20220210T223520_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

CryoSat P2P data includes a measurement c	onfidence flag for each 20 Hz me	asurement 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_GOP_2_20220210T001533	_20220210T010509_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more record
6.6 P2P Measurement Quality	Flag Check		
P2P Quality Flags (20 Hz)			
CryoSat P2P data includes Quality Flags for e	each 20 Hz, 20 Hz PLRM and 1 H	Iz measurement record, copied fron	n the corresponding L2 products.
Since the P2P Quality Flags are copied dir	ectly from the L2 Quality Flags	s, please see Section 5.6 for the fu	ull list of products affected.
Number of products with errors:	30		
P2P Quality Flags (20 Hz PLRM)			
Since the P2P Quality Flags are copied dir	ectly from the L2 Quality Flags	s, please see Section 5.6 for the fu	ull list of products affected.
Number of products with errors:	29		
P2P Quality Flags (1 Hz & 1 Hz PL	.RM)		
Since the P2P Quality Flags are copied dir	ectly from the L2 Quality Flags	s, please see Section 5.6 for the fu	ull list of products affected.
Number of products with errors:	30		
6.8 P2P Ocean Retracking Qua	ality Check		
P2P Retracking Flags (20 Hz)	ng quality flag (field 19) for each 2	20 Hz measurement record. The bit	value of this flag indicates any problems when set.
Ocean Retracking Quality Flag (PLRM): Th			
Number of products with errors:	30		
•			
P2P Retracking Flags PLRM		A management second. The laterate	
			e of this flag indicates any problems when set.
Ocean Retracking Quality Flag (PLRM): Th	is may is currently set for product	S GOPH and GOPN products over	sea ice, but this is to be expected.

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	198	198	5	193	0
SIR_GOPR1B	129	129	0	129	0
SIR_GOPN1B	108	108	2	103	3
SIR_GOPM_2	198	198	140	58	0
SIR_GOPR_2	129	129	57	67	5
SIR_GOPN_2	105	105	45	60	0
SIR_GOP_P2P	29	29	0	26	3

7.1 QCC Errors

Number of QCC	reports with er	rors:	11								
					Total number	of occurrences	of each error				
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	RRTAISSOPC	BHRNCDF	-	-	-	-	-
SIR_GOPN1B	0	0	0	0	3	3					
SIR_GOPR_2	5	5	5	5	C)					
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_GOP_2_	3	3	3	3							

Test Description Key:	est Description Key:							
Abbreviation	Test name	Details						
RLOBOPNCDF	RangeLatitudeOrBlankOP_7NetCDF	Latitude should be between -90E7 and 90E7						
RL	RangeLatitude_7	Latitude should be between -90E7 and 90E7						
RLOBOPNCDF	RangeLongitudeOrBlankOP_7NetCDF	Longitude should be between -180E7 and 180E7						
RL	RangeLongitude_7	Longitude should be between -180E7 and 180E7						
BBTAISSOPOBHENCE	BangeBecordTAIStartStopOPOrBlankHBNetC	The time value should be between the the record TAI start/stop times of the MPH with a margin of 0.5 s - NetCDF						

7.2 QCC Warnings

Number of QCC reports with warnings

2062

Number of QCC reports	s with warnings	2062									
	Total number of occurrences of each warning										
Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNCD				
SIR_GOPM1B	193	0	0	0	0	0	0				
SIR_GOPM_2	0	0	47	44	0	44	0				
SIR_GOPN1B	106	0	0	0	0	0	0				
SIR_GOPN_2	0	0	8	31	2	22	26				
SIR_GOPR1B	123	0	0	0	0	0	0				
SIR_GOPR_2	0	5	21	31	0	18	15				

Product Type	RBSZOPOEPNCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCD	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF	RPEPOPLRMNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	33	38	0	0	0	0	33
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	17	0	0	20	0	28	0
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	10	0	28	0	37	0	0

Product Type	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF	RSWHOEPFDNCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	0	0	8	33	0	5	41
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	0	26	10	40	50	28	27
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	31	0	5	52	31	13	21
			·		÷		
Product Type	RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF	-
SIR_GOPM1B	0	0	0	0	0	0	
SIR_GOPM_2	0	1	0	0	0	0	
SIR_GOPN1B	0	0	0	0	53	1	
SIR_GOPN_2	29	14	0	1	0	0	
SIR_GOPR1B	0	0	0	0	129	7	
SIR_GOPR_2	34	4	1	10	0	0	
Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	RBSZOPOEPNCDF
SIR_GOP_2_	14	29	29	2	28	17	27
Product Type	RPEPOPFDPLRMSINNCD		RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF		RSSHAONCDF
SIR_GOP_2_	15	25	21	14	29	15	23
						1	
Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF		SPHLPQWNCDF	-	•	-
SIR GOP 2	28	18	14	29			

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
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSAR NCDF	RangePeakinessExcludingPolarOPFD2PLRMSARNetCDF	The Peakiness should be between 0 and 15000 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees
RPEPOPFDPLRMSINN 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
RSSHAOFDPLRMNCD 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
RSWHOEPFDPLRMNC DF	${\tt RangeSignificantWaveHeightOceanExcludingPolarFD2PLRMNetCDF}$	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	Rel_Time_ASC_Node_Start mismatch (DBL ASC, rounded up to 0.1)
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
SCSTODNCDF	SequenceCounterStepTODNetCDF	The sequence counter should be one higher (modulo 16384) with regard to the previous sequence counter

7.3 Missing QCC Reports

Number of products with missing QCC reports:

0