

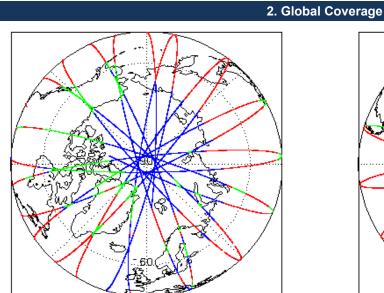
QA4EO Daily Report for GOP data:

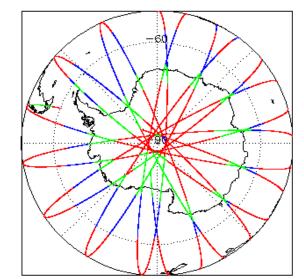
<u>16/11/2021</u>

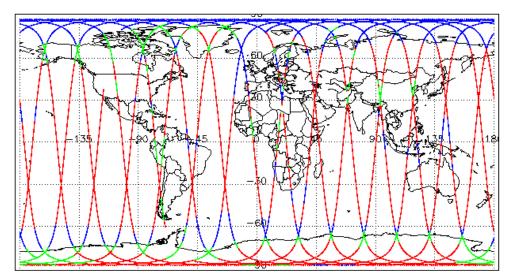
	21 Dec 2021	Check	L1 & L2	P2P
eport Production:	21-Dec-2021	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	Crave Set Occar Dresses	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Usea:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
Data Used:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7
		QCC Error/ Warning Check	See Section 7.1 and 7.2	See Section 7.1 and 7

1. Overview

Mission /	Mission / Instrument News		
15-Nov-2	21 None		
16-Nov-2	21 None		
17-Nov-2	21 Nothing planned		











3. Instrument Configuration

SIRAL instrument(s) in use:

SIRAL - A

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

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

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.

L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1B GOPR and GOPN products because the I1b_processing_quality_hr field is not correctly configured in the OSAR and OSARIn chains. A modification is required in the next release.

Number of products with errors:	0	

4.3 L1B Auxilary Data File Usage Check				
Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.				
lumber of products with errors: 0				
4.4 L1B Auxiliary Correction Error Check				
CryoSat L1B data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set.				
lumber of products with errors: 0				
4.5 L1B Measurement Confidence Data Check				

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

Attitude Correction Missing: This flag is currently set in error for GOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

4.6 L1B Waveform Group Data Check

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

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20211116T151843_20211116T153318_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20211116T165558_20211116T170027_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211116T022828_20211116T022948_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211116T040740_20211116T040847_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211116T054654_20211116T055241_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211116T072149_20211116T072210_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211116T121812_20211116T122046_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211116T153358_20211116T153434_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20211116T195212_20211116T195334_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211116T012612_20211116T013310_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211116T030947_20211116T031125_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211116T080553_20211116T080937_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211116T135949_20211116T140701_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211116T171739_20211116T172302_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211116T185602_20211116T190529_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20211116T211917_20211116T212156_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

0

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

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

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

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> 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:

Description

CS_OFFL_SIR_GOPM_2_20211116T151843_20211116T153318_C001	Mean Sea Surface (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non- Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPM_2_20211116T165557_20211116T170027_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_20211115T235835_20211116T000151_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_20211116T013310_20211116T013547_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_20211116T013740_20211116T014326_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_20211116T022828_20211116T022948_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20211116T031125_20211116T031445_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_20211116T040740_20211116T040847_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_20211116T045044_20211116T045243_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_20211116T054654_20211116T055241_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20211116T063017_20211116T063134_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_20211116T080938_20211116T081058_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_20211116T094927_20211116T095252_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_20211116T104811_20211116T105044_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_20211116T112831_20211116T113152_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_20211116T121812_20211116T122046_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1), the Mean Dynamic Topography (solution 1), the Total Geocentric Ocean Tide (solution 2: FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20211116T131557_20211116T131717_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_20211116T135844_20211116T135949_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_20211116T145307_20211116T145507_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_20211116T153648_20211116T153904_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_20211116T163950_20211116T164423_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_20211116T171229_20211116T171738_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_20211116T181225_20211116T181442_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_20211116T185022_20211116T185602_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_20211116T202834_20211116T203256_C001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20211116T212157_20211116T212321_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_20211116T213117_20211116T213229_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_20211116T221030_20211116T221221_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_20211116T230128_20211116T230254_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_20211116T230808_20211116T231110_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_20211116T004136_20211116T004825_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_20211116T004826_20211116T005239_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_20211116T022120_20211116T022716_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 2.20211116T030047.20211116T040280_0001Mean Sea Surface (1)There is an error with the MSS height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR 2.20211116T040103_20211116T040280_0001Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR 2.20211116T040030_20211116T040280_0001Mean Sea Surface (1) Mean DynamicThere is an error with the MSS height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR 2.20211116T040030_20211116T04740_0001Mean Sea Surface (1) Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2.20211116T045119_20211116T054654_0001Mean Sea Surface (1) Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2.20211116T05419_2021116T07210_0001Mean Sea Surface (1) Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2.20211116T03564_20211116T03564_2021116T02210_20211116T02210_20211116T02210_2021116T02210_201Mean Sea Surface (1) Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2.20211116T12204_2021116T12204_2021116T12204_2021116T12204_2021116T12204_2021116T02201Mean Sea Surface (1) Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_	CS_OFFL_SIR_GOPR_2_20211116T022717_20211116T022828_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_20211161040102_0211116104026_20001 Weah Uynamic topography (i) or more records CS_OFFL_SIR_GOPR_2_20211161040030_20211116104050_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161040500_202111161040540_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_2021111610405405_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116105419_202111161054054_0001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161054094_202111161054094_2001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_2021111611058940_2021111611029015_C0011 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161102922_20211116110291 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161102924_202111161122915_C0011 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR	CS_OFFL_SIR_GOPR_2_20211116T030947_20211116T031125_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
DFL_SIT_GOPR_2_SIT_INFLIGUESS_202111161100033_02111161100034_0201 Topography (1) Topography height (colution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116T04052_0211116T040740_001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T054119_20211116T05454_001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography height (colution 1) and the Mean Dyn	CS_OFFL_SIR_GOPR_2_20211116T040103_20211116T040256_C001	Mean Dynamic Topography (1)	
LS_OFFL_SIR_GOPR_2_202111161104042_02111161104042_0201 Topography (1) The sign error with the MSS height (solution 1) and the Maan Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161072210_022111161072713_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161072210_022111161072713_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161072210_022111161072713_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161072210_022111161072713_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161072210_022111161104811_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161103660_20211116112248_0001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116112246_0211116112245_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116112345_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116112345_0001 </td <td>CS_OFFL_SIR_GOPR_2_20211116T040303_20211116T040520_C001</td> <td></td> <td></td>	CS_OFFL_SIR_GOPR_2_20211116T040303_20211116T040520_C001		
DS_OFFL_SIR_GOPR_2_20211161092210_202111161094091_C001 Topography (1) Topography (2) GS_OFFL_SIR_GOPR_2_202111161092210_202111161090915_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography (1) GS_OFFL_SIR_GOPR_2_20211116109395_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161103950_202111161104811_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161120922_20211116112248_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161122046_20211116112248_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161122046_20211116112205_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161123050_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (colution 1) and the Mean Dynamic Topography height (colution 1) for one or more records CS_OFFL_SIR_GOPR_2_2021	CS_OFFL_SIR_GOPR_2_20211116T040520_20211116T040740_C001		
CS_OFFL_SIR_GOPR_2_202111161002210_202111161002215_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161003949_202111161008915_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_202111161103959_20211116112248_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_202111161122042_20211116112248_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_202111161122046_202111161122815_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_202111161123949_202111161140701_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161153904_202111161123202_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161123502_2001111611232502_001 Mean Sea Surface (1), Mean Dynamic Topography (1)	CS_OFFL_SIR_GOPR_2_20211116T054119_20211116T054654_C001		
CS_OFFL_SIR_GOPR_2_2021111611003992_2021111611003915_C001 Topography (1) Topography (1) Topography (1) Topography (1) Topography (2) CS_OFFL_SIR_GOPR_2_202111161103959_202111161104811_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161122046_202111161122815_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_202111161122046_202111161122815_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161135949_202111161140701_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_202111161171739_202111161172302_001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161171739_	CS_OFFL_SIR_GOPR_2_20211116T072210_20211116T072713_C001		
CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T121248_C001 Mean Dynamic Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T12248_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T140701_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T154550_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T153904_20211116T154550_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T1739_20211116T172302_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T171739_20211116T172302_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T121242_202_001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T123256_2_00211116T224040_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic<	CS_OFFL_SIR_GOPR_2_20211116T085949_20211116T090915_C001		
CS_OFFL_SIR_GOPR_2_20211116112092_202111161120815_C001 Image Dynamic Topography (1) or more records CS_OFFL_SIR_GOPR_2_202111161120946_202111161122815_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161135949_202111161140701_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161135949_202111161140701_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161135904_202111161154550_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116117739_202111161172302_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161185602_202111161190529_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161204040_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_2021111612022266_202111161204040_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111161221202_202111161221400_	CS_OFFL_SIR_GOPR_2_20211116T103959_20211116T104811_C001		
CS_OFFL_SIR_GOPR_2_20211116T12246_20211116T122815_C001 Topography (1) Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T140701_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T153904_20211116T154550_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T171739_20211116T172302_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T171739_20211116T172302_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T185602_20211116T190529_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T203256_20211116T204040_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T221222_20211116T221248_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) <	CS_OFFL_SIR_GOPR_2_20211116T120922_20211116T121248_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_GOPR_2_20211116T13394_20211116T140/01_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116T153904_20211116T154550_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_20211116T17739_20211116T172302_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_20211116T185602_20211116T190529_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_20211116T203256_20211116T204040_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_20211116T221222_20211116T221900_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T221201_20211116T22148_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T221901_20211116T225759_C001 Mean Sea Surface (1), Mean Dynamic Topography (1)	CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T122815_C001		
CS_OFFL_SIR_GOPR_2_202111161153904_202111161154550_C001Topography (1)Topography (1)Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20211116117739_202111161172302_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_202111161185602_202111161190529_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_202111161203256_202111161204040_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_202111161221222_202111161221900_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_202111161221202_202111161221900_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_202111161221901_202111161222148_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_202111161235109_202111161235759_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Top	CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T140701_C001		
CS_OFFL_SIR_GOPR_2_20211116T1739_20211116T172302_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116T185602_20211116T190529_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_20211116T203256_20211116T204040_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_20211116T221222_20211116T221900_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T221201_20211116T221900_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T221901_20211116T222148_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20211116T235109_20211116T235759_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_20211116T235759_2021 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the M	CS_OFFL_SIR_GOPR_2_20211116T153904_20211116T154550_C001		
CS_OFFL_SIR_GOPR_2_202111161185602_202111161190529_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116T203256_20211116T204040_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_20211116T221222_20211116T221900_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_20211116T221901_20211116T222148_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_20211116T221901_20211116T222148_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_20211116T235709_20211116T235759_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20211116T235759_2021 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20211116T235759_2021 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20211116T171739_20211116T172302_C001		
CS_OFFL_SIR_GOPR_2_202111161203256_202111161204040_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111167221222_202111167221900_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_202111167221901_202111167222148_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_202111167235709_202111167235759_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_202111167235759_2001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111167235759_202111167235759_2021 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111167235759_2021 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_202111167235759_2021 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20211116T185602_20211116T190529_C001		3 ()
CS_OFFL_SIR_GOPR_2_202111161221202_202111161221900_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111161221901_202111161222148_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_202111161235109_202111161235759_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_202111161235759_2021 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_202111161235759_202111161235759_2021 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20211116T203256_20211116T204040_C001		
CS_OFFL_SIR_GOPR_2_202111161225109_202111161222148_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111167235109_202111167235759_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_202111167235759_202111167235759_202111167235759_202111167235759_202111167235759_202111177000001_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records	CS_OFFL_SIR_GOPR_2_20211116T221222_20211116T221900_C001		
CS_OFFL_SIR_GOPR_2_202111161235759_202111161235759_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20211116T221901_20211116T222148_C001		
	CS_OFFL_SIR_GOPR_2_20211116T235109_20211116T235759_C001		
	CS_OFFL_SIR_GOPR_2_20211116T235759_20211117T000001_C001		

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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:
0

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

Number of products with errors:

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 Ocean Altimeter Range, SSHA, SWH 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_20211116T000523_20211116T004044_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records. 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_20211116T010317_20211116T012612_C001 Altimeter Range and Backscatter Quality set for one or more records. OCOG Altimeter Range Quality, OCOG The OCOG Altimeter Range and Backscatter Quality Flags have been set CS_OFFL_SIR_GOPM_2_20211116T013548_20211116T013740_C001 Backscatter Quality for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG CS_OFFL_SIR_GOPM_2_20211116T014513_20211116T015637_C001 Altimeter Range and Backscatter Quality set for one or more records. 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_20211116T015758_20211116T020018_C001 Altimeter Range and Backscatter Quality set for one or more records.

CS_OFFL_SIR_GOPM_2_20211116T020027_20211116T020200_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_20211116T020642_20211116T021757_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_20211116T023345_20211116T025100_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_20211116T025308_20211116T030723_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_20211116T031446_20211116T031652_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_20211116T031746_20211116T032154_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_20211116T032357_20211116T033639_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_20211116T034108_20211116T035030_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_20211116T040847_20211116T040937_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_20211116T041342_20211116T043000_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_20211116T043526_20211116T044829_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_20211116T045243_20211116T050056_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_20211116T050401_20211116T051918_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_20211116T052240_20211116T052745_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_20211116T060158_20211116T062743_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_20211116T063135_20211116T063337_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_20211116T063416_20211116T063930_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_20211116T064354_20211116T070724_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_20211116T074013_20211116T080553_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_20211116T081343_20211116T081946_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_20211116T082258_20211116T084919_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_20211116T085717_20211116T085948_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_20211116T091257_20211116T094502_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_20211116T095252_20211116T095818_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_20211116T100230_20211116T100609_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_20211116T102539_20211116T102631_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
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02:00-001.0012 2001110110012	CS_OFFL_SIR_GOPM_2_20211116T103700_20211116T103959_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
C2: 0FH, SR, 00PM 2 accritition travel current frage and backstater Quality Flage have been access. See 00PM 2 accritition travel current frage and backstater Quality Flage have been access. C3: 0FH, SR, 00PM 2 accritition travel current frage and backstater Quality Flage have been access. The Quark Access frage acces frage access frage access frage access frage	CS_OFFL_SIR_GOPM_2_20211116T105152_20211116T110057_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Op/Ent_Sec_UDARC_2001110111331_2011101110332_0011101110331_0011 Backcaster Cuality The Dave Althouse Range, SEH, 50H SEH, 50H and Secular Cuality Range, SEH, 50H C2_OFFL_SR_SDR_2_20211101112288_0011101110301_0001 Does Althouse Range, SEH, 50H, 50H The Dave Althouse Range, SEH, 50H and Secular Cuality Range Althouse Range, SEH, 50H and Secular Cuality Range and Backcaster Cuality Range have and Backcaster Cuality Range have and Backcaster Cuality Range and Backcaster Cuality Range have and Range Cuality, CODE Altereder Range Cuality, CODE Range Change, SEH, SIW and Backcaster Cuality Range have been and Backcaster Cuality R	CS_OFFL_SIR_GOPM_2_20211116T110342_20211116T112504_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CB_QPFL_SR_QCPFL_2R2_0011161114282_20011161114284_C001 Inel Biokacate Qualty C000 Inel CO00 Alemater Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011161112280_20011116113284_C001 Octean Allmeter Range SR4, SM4 Inel CO00 Alemater Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116113280_20011116113284_C001 Octean Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116113280_20011116113284_C001 Octean Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116113284_C001 Octean Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116113284_C001 Octean Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116113284_C001 Octean Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116113284_C001 OCCO0 Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116114282_C0011 OCCO0 Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116114282_C0011 OCCO0 Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_0011116114282_C0011 OCCO0 Allmeter Range SR4, SM4 Inel CO00 Allmeter Range SR4, SM4 CB_QPFL_SR_QCPFL_2R2_011116114282_C0011 <td>CS_OFFL_SIR_GOPM_2_20211116T113301_20211116T113709_C001</td> <td></td> <td>The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.</td>	CS_OFFL_SIR_GOPM_2_20211116T113301_20211116T113709_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CB_OFFL_BR_GOPM_2_2021116T12280_0021116T12280_0021 and Biskeaster Quality, COOD and Biskeaster Quality, COOD CB_OFFL_BR_GOPM_2_2021116T12280_0021116T1316S_COD1 CoopsAllareer Farage Calify, COOD The COOD Allareer Farage SHA, SWH and Baskeaster Quality Fage have been at a Biskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality Fage have been at a Biskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at a CoOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at the COOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at the COOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at the COOD Allareer Farage SHA, SWH and Baskeaster Quality, Fage have been at the COOD Al	CS_OFFL_SIR_GOPM_2_20211116T114238_20211116T115845_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Becksatter Oally Beck	CS_OFFL_SIR_GOPM_2_20211116T122830_20211116T130351_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CB, OFFL_SIR_GOPM_2_20211116T132546_0211116T135456_02011 and Badacatter Cuality.OCOG Minister Range Quality.OCOG Badacatter Quality met be 0000 Attimuter Range and Badacatter Quality Flags have been set for one more records. CB_OFFL_SIR_GOPM_2_20211116T135546_02011116T135640_0001 COGG Allineter Range Quality.OCOG Badacatter Quality The OCOG Allineter Range and Badacatter Quality Flags have been set for one more records. CB_OFFL_SIR_GOPM_2_20211116T146047_20211116T142137_C001 Ocom Allineter Range SNA, SVM and Badacatter Quality.OCOG Allineter Range and Badacatter Quality.OCOG Allineter Range and Badacatter Quality Flags have been set for one more records. CB_OFFL_SIR_GOPM_2_20211116T142013_20211116T142137_C001 Ocean Allineter Range, SSIA, SVM and Badacatter Quality Flags are the OCOG Allineter Range and Badacatter Quality Flags have been set for one or more records. CB_OFFL_SIR_GOPM_2_20211116T14232_0211116T146232_0211116T146056_C001 OCOG Allineter Range Allanckatter Quality Flags have been set for one or more records. CB_OFFL_SIR_GOPM_2_20211116T151543_02011116T151543_02011116T151543_02011116T151545_02011 Ocean Allineter Range, SSHA, SVM and Badacatter Quality, COCO Allineter Range and Badacatter Quality Flags have been set for one or more rec	CS_OFFL_SIR_GOPM_2_20211116T130716_20211116T131155_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_DFPL_SR_GOPM_2_2021116T153642_2021116T153644_C001 Backscatter Quality Ex one or more records. CS_OFFL_SR_GOPM_2_2021116T153602_2021116T153644_C001 CCCGR_Altensee Farge_SSIA, SWI and Backscatter Quality, CCCG Antenet Farge and Backscatter Quality, Fags have been Attenet Farge and Backscatter Quality, Fags have been at the OCCG Altenet Farge_SSIA, SWI and Backscatter Quality, CCCG Antenet Farge and Backscatter Quality, Fags have been at the OCCG Altenet Farge and Backscatter Quality, Fags have been to CCG Altenet Farge and Backscatter Quality, Fags have been to CCGG Altenet Farge and Backscatter Quality, Fags have been to CCGG Altenet Farge and Backscatter Quality, Fags have been to CCGG Altenet Farge and Backscatter Quality, Fags have been so to creat more records. CS_OFFL_SR_GOPM_2_20211116T14530_20211116T14530_C001 OCCGG Altenet Farge Quality, CCCG Altenet Farge and Backscatter Quality, Fags have been so to creat more records. CS_OFFL_SR_GOPM_2_20211116T161643_20211116T151543_C0011 Occan Altenet Farge SSIA, SWI and Backscatter Quality, CCCG Altenet Farge and Backscatter Quality Fags have been to creat more records. CS_OFFL_SR_GOPM_2_20211116T151643_20211116T151543_C0011 Occan Altenet Farge_SSIA, SWI and Backscatte	CS_OFFL_SIR_GOPM_2_20211116T132256_20211116T135436_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Obj. JPPE_SR, GOPM_2, 202111161160002, 202111161142137_C001 Backscatter Quality for one or more records. CS_OFFL_SR_GOPM_2, 202111161142817_202111161142137_C001 Ocean Allineter Range. SNA, SWH and Backscatter Quality Flags have been and Backs	CS_OFFL_SIR_GOPM_2_20211116T135546_20211116T135602_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T140947_20211116T142137_C001 and Backscatter Quality, OCOG Attender Range and Backscatter Quality Flags have been Attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. Quality, OCOG CS_OFFL_SIR_GOPM_2_20211116T145100_20211116T145300_C001 OCOG Attimeter Range. Quality, OCOG The OCOG Attimeter Range and Backscatter Quality Flags have been attender Range. Quality, OCOG CS_OFFL_SIR_GOPM_2_20211116T151510_001 Ocoan Altimeter Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender Range. SSHA, SWH and Backscatter Quality Flags have been attender R	CS_OFFL_SIR_GOPM_2_20211116T135602_20211116T135844_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T142518_20211116T14237_C001 and Backscatter Quality, COCG Altimeter Range and Backscatter Quality and Backscatter Quality, COCG Altimeter Range and Backscatter Quality, Flags have been after one or more records. CS_OFFL_SIR_GOPM_2_20211116T145130_20211116T14539_C001 OCGA Altimeter Range Quality, OCCG Backscatter Quality The OCGA Altimeter Range and Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T145130_20211116T14539_C0011 OCCGA Altimeter Range Quality, OCCG Backscatter Quality The OCCGA Altimeter Range and Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T145130_20211116T151434_C0011 OCCGA Altimeter Range Quality, OCCG Backscatter Quality The OCCGA Altimeter Range and Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T151648_20211116T1515434_C0011 OCCGA Altimeter Range Quality, OCCG Backscatter Quality The OCCGA Altimeter Range, SHA, SWH and Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T151648_20211116T1515434_C0011 OCCGA Altimeter Range, SHA, SWH and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags have been and the OCCGA Altimeter Range, SHA, SWH and Backscatter Quality Flags have been after one or more records. CS_OFFL_SIR_GOPM_2_20211116T151648_20211116T151544_C0011 OCCGA Altimeter Range, SHA, SWH and Backscatter Quality Flags have been after one or more records. The OCCGA Altimeter Range, SHA, SWH and Backscatter Qu	CS_OFFL_SIR_GOPM_2_20211116T140947_20211116T142137_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T142300_20211116T145305_C001 and Backscatter Quality. COCG Allimeter Range and Backscatter Quality end Backscatter Quality end Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T145130_20211116T145055_C001 OCGA Alimeter Range Quality, OCGG Backscatter Quality The OCGO Alimeter Range and Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T145130_20211116T145306_C001 OCGA Alimeter Range, SSHA, SWH and Backscatter Quality The OCGO Alimeter Range and Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T151648_20211116T151751_C001 Ocean Alimeter Range, SSHA, SWH and Backscatter Quality, OCGG Alimeter Range and Backscatter Quality Flags have been aft for one or more records. CS_OFFL_SIR_GOPM_2_20211116T151648_20211116T151751_C001 Ocean Alimeter Range, SSHA, SWH and Backscatter Quality, OCGG Alimeter Range and Backscatter Quality, Flags have been aft for one or more records. CS_OFFL_SIR_GOPM_2_20211116T151643_20211116T1513318_C001 Ocean Alimeter Range, SSHA, SWH and Backscatter Quality, COGG Alimeter Range and Backscatter Quality, Flags have been Alimeter Range and Backscatter Quality, Flags and the OCGO Alimeter Range, SSHA, SWH and Backscatter Quality, Flags and the OCGO Alimeter Range, SSHA, SWH and Backscatter Quality, Flags and the OCGO Alimeter Range, SSHA, SWH and Backscatter Quality, Flags and the OCGO Alimeter Range and Backscatter Quality, Flags and the OCGO Alimeter Range an	CS_OFFL_SIR_GOPM_2_20211116T142618_20211116T142737_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
OS_OFFL_SIR_GOPM_2_202111161144339_202111161145306_0001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_202111161145130_202111161145306_0001 CCOG Altimeter Range Quality, OCOG Backscatter Quality The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records. CS_OFFL_SIR_GOPM_2_202111161150109_2021111611511434_0001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH The OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality, Flags and the OCOG Altimeter Range, SSHA, SWH CS_OFFL_SIR_GOPM_2_202111161151648_202111161151751_C001 Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH and Backscatter Quality, COCG Altimeter Range, SSHA, SWH The OCean Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been 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, SSHA, SWH and Backscatter Quality Fla	CS_OFFL_SIR_GOPM_2_20211116T142900_20211116T144337_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T145130_02011 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20211116T151434_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, 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 have beer 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 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_20211116T163840_20211116T163049_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Backscatter Quality The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. <t< td=""><td>CS_OFFL_SIR_GOPM_2_20211116T144539_20211116T145055_C001</td><td></td><td>The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.</td></t<>	CS_OFFL_SIR_GOPM_2_20211116T144539_20211116T145055_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T150109_20211116T15143_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Bigs have beer Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, DCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have beer Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have beer altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have beer se for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163049_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality, CCOG Altimeter Range and Backscatter Quality, CCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been se for one or more records.	CS_OFFL_SIR_GOPM_2_20211116T145130_20211116T145306_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T151648_20211116T151751_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range SNA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Alti	CS_OFFL_SIR_GOPM_2_20211116T150109_20211116T151434_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T151843_20211116T153318_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20211116T155617_20211116T160524_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality CS_OFFL_SIR_GOPM_2_20211116T160819_20211116T16029_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T160819_20211116T163007_C001 Ocean Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163007_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, IBags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, IBags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T16342_20211116T165112_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Qu	CS_OFFL_SIR_GOPM_2_20211116T151648_20211116T151751_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20211116T155617_20211116T160524_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_20211116T160819_20211116T162209_C001 Ocean Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T162506_20211116T163007_C001 OCCG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Backscatter Quality The OCean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T164423_20211116T165112_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T165557_20211116T165007_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Bac	CS_OFFL_SIR_GOPM_2_20211116T151843_20211116T153318_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T160819_20211116T162209_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_20211116T162506_20211116T163007_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_20211116T163840_20211116T163949_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T165112_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20211116T165557_20211116T170027_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20211116T155617_20211116T160524_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001 Backscatter Quality for one or more records. CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality flags have been and Backscatter Quality, OCOG CS_OFFL_SIR_GOPM_2_20211116T164423_20211116T165112_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG CS_OFFL_SIR_GOPM_2_20211116T164423_20211116T165557_20211116T170027_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality Flags have been and Backscatter Quality, OCOG CS_OFFL_SIR_GOPM_2_20211116T165557_20211116T170027_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality, OCOG The Ocean Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality, OCOG	CS_OFFL_SIR_GOPM_2_20211116T160819_20211116T162209_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been and Backscatter Quality Flags	CS_OFFL_SIR_GOPM_2_20211116T162506_20211116T163007_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T164423_20211116T165112_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range, SSHA, SWH OCGA and the OCOG Altimeter Range, SSHA, SWH OCEAN Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been and Backscatter Quality fl	CS_OFFL_SIR_GOPM_2_20211116T163840_20211116T163949_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T165557_20211116T170027_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20211116T164423_20211116T165112_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_GOPM_2_20211116T165557_20211116T170027_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20211116T170311_20211116T170859_C001 OCOG Altimeter Range Quality, OCOG Backscatter Quality Flags have been see for one or more records.	CS_OFFL_SIR_GOPM_2_20211116T170311_20211116T170859_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_GOPM_2_20211116T171021_20211116T171111_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_20211116T171114_20211116T171159_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_20211116T173942_20211116T180048_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_20211116T180536_20211116T180924_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_20211116T181638_20211116T183954_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_20211116T184632_20211116T185022_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_20211116T191620_20211116T194002_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_20211116T194320_20211116T194839_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_20211116T195614_20211116T202834_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_20211116T205827_20211116T211135_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_20211116T211512_20211116T211916_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_20211116T212321_20211116T213117_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_20211116T213649_20211116T220831_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_20211116T222148_20211116T222253_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_20211116T224929_20211116T225716_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_20211116T231506_20211116T233620_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_20211116T233905_20211116T234954_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_20211116T103123_20211116T103134_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_20211116T145127_20211116T145129_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_20211116T145307_20211116T145507_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_20211116T163041_20211116T163044_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_20211116T165138_20211116T165538_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_20211116T204322_20211116T204338_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_20211116T213117_20211116T213229_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_20211116T221030_20211116T221221_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_20211116T005300_20211116T010317_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.
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CS_OFFL_SIR_GOPR_2_20211116T062743_20211116T063016_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_GOPR_2_20211116T103959_20211116T104811_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_GOPR_2_20211116T223238_20211116T223415_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

Number of products with errors: 94

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20211116T013740_20211116T014326_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_20211116T022828_20211116T022948_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_20211116T023224_20211116T023341_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_20211116T030822_20211116T030947_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_20211116T031125_20211116T031445_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_20211116T032154_20211116T032330_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_20211116T043001_20211116T043525_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_20211116T045044_20211116T045243_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_20211116T052746_20211116T053133_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_20211116T053215_20211116T053251_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_20211116T054654_20211116T055241_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_20211116T070725_20211116T070824_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_20211116T081947_20211116T082111_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_20211116T090915_20211116T091256_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_20211116T094927_20211116T095252_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_20211116T101332_20211116T101351_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_20211116T101835_20211116T101855_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_20211116T104811_20211116T105044_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_20211116T112831_20211116T113152_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_20211116T113709_20211116T113832_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.

	Ocean Altimeter Range, SSHA, SWH	The Oscan Altimeter Banga SCHA SMH and Backgoother Ouglity Flags
CS_OFFL_SIR_GOPN_2_20211116T121812_20211116T122046_C001	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_20211116T130527_20211116T130716_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_20211116T131557_20211116T131717_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_20211116T145307_20211116T145507_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_20211116T153648_20211116T153904_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_20211116T155324_20211116T155616_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_20211116T163950_20211116T164423_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_20211116T165138_20211116T165538_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_20211116T170859_20211116T171021_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_20211116T171229_20211116T171738_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_20211116T173337_20211116T173736_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_20211116T180225_20211116T180536_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_20211116T184422_20211116T184629_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_20211116T185022_20211116T185602_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_20211116T191525_20211116T191620_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_20211116T194153_20211116T194319_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_20211116T202834_20211116T203256_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_20211116T213117_20211116T213229_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_20211116T222438_20211116T222601_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_20211116T223008_20211116T223018_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_20211116T224313_20211116T224352_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_20211116T000152_20211116T000523_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_20211116T004136_20211116T004825_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_20211116T004826_20211116T005239_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_20211116T012612_20211116T013310_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_20211116T020201_20211116T020642_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.

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Bit Drei, Bit Oper, J. 20111101000000 DOOD Relate and Description (J. 20111101000000000000000000000000000000	CS_OFFL_SIR_GOPR_2_20211116T022120_20211116T022716_C001	Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
B 0FH, SR 00FR 2 302111610047 20111610402 (2011) Mark Manuari Calabi Y Mark Color And Calabi Y Mark Colo	CS_OFFL_SIR_GOPR_2_20211116T025101_20211116T025259_C001		5 5 5
Control Control <t< td=""><td>CS_OFFL_SIR_GOPR_2_20211116T030947_20211116T031125_C001</td><td>and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality</td><td>and the OCOG Altimeter Range and Backscatter Quality Flags have been</td></t<>	CS_OFFL_SIR_GOPR_2_20211116T030947_20211116T031125_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Deft_Deft_BR_OPFL_2.0211110T02465_0011110T02410_0001 Implexedual to Luidy PRAV DOCK Implexedual to Luidy PRAV DOCK DC_OFFL_BR_OPFL_2.0211110T02665_001110T02410_0001 DCOE America Rego SBAA, WOM Land Booked Cally Play to Learning Dock Play to L	CS_OFFL_SIR_GOPR_2_20211116T040103_20211116T040256_C001		
G9, OPTL_9R_GOPR_2_0211110703216_0211110703216_0201 and bisessafe Outly Plags have been and bisessafe Outly	CS_OFFL_SIR_GOPR_2_20211116T044829_20211116T045043_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Dev Dev <thdev< th=""> <thdev< th=""> <thdev< th=""></thdev<></thdev<></thdev<>	CS_OFFL_SIR_GOPR_2_20211116T050245_20211116T050401_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_0FPL_SB_0CPPL_2021116T004410_2021116T00294_001 mill Baskzatel Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLaN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLaN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLaN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLaN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLaN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLaN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLaN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, OCD, in Con, Maneer Fage, SSN, SWI and Baskzater Doaily PLAN, in Con	CS_OFFL_SIR_GOPR_2_20211116T053955_20211116T054119_C001		
GS_OFFL_SIR_GOPR_2_20211116T08016_0001 Ind Sakksteite Outliky FLM_OODS MID_Bakksteite Outliky FLM_OODS Open_Allineter Resp. SBN_SVH MID_Bakksteite Outliky FLM_OODS Open_Allineter Resp. SBN_SVH The Ocen Allineter Resp. SBN_SVH CS_OFFL_SIR_GOPR_2_20211116T1000050_000111161010000_000111601000001 Open	CS_OFFL_SIR_GOPR_2_20211116T054119_20211116T054654_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SR_GOPR_2_20211116T02210_0011116T02710_001 and Backatter Oually FLRA. OCCOL Anterier Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T02646_00211116T026915_0011 and Backatter Oually FLRA. OCCOL Attracter Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T026402_00211116T026927_0011 Attracter Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T026402_00211116T026927_0011 Attracter Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T026402_00211116T026402_0001 Attracter Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T026402_00211116T02060_0001 OCCOA Attracter Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T102631_00211116T102030_0001 OCCOA Attracter Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T102631_00211116T102630_0001 OCCOA Attracter Range SHA. SMH CS_OFFL_SR_GOPR_2_20211116T102632_00211116T102630_0001 OCCOA Attracter Range SHA. SMH <td>CS_OFFL_SIR_GOPR_2_20211116T062743_20211116T063016_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_20211116T062743_20211116T063016_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_GOPR_2_2021116109349_2021116100015_0001 and Backsatter Quality PLRM_COOL The Subscription Quality PLRM_COOL GS_OFFL_SIR_GOPR_2_20211161094592_2021116100055_0001 and Backsatter Quality PLRM_COOL The Ocean Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL GS_OFFL_SIR_GOPR_2_202111161000508_202111161100230_CO011 Coon Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL The Ocean Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL CS_OFFL_SIR_GOPR_2_202111161100230_CO011 Coon Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL The Ocean Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL CS_OFFL_SIR_GOPR_2_202111161100231_202111161100230_CO011 COCIG Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL The Ocean Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL CS_OFFL_SIR_GOPR_2_202111161100231_202111161100230_CO011 COCIG Alternater Range, Quality PLRM_COOL The OCEAN Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL CS_OFFL_SIR_GOPR_2_202111161100254_202111161100300_2011116110431_CO011 COCIG Alternater Range, Quality PLRM_COOL The OCEAN Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL CS_OFFL_SIR_GOPR_2_202111161100300_2011116110431_CO011 COCIG Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL The OCEAN Alternater Range, SSHA, SWH and Backsatter Quality PLRM_COOL CS_OFFL_SIR_GOPR_2_2021111611103317_202111161110341_CO011 COCIG Alternater Range, SSHA, SWH and B	CS_OFFL_SIR_GOPR_2_20211116T072210_20211116T072713_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_2.2021116T004402_20211116T1004027_C001 and Backsatter Quality FLRM, QCOD Allimeter Range and Backsatter Quality FLRM, SVH and Backsatter Quality FLRM, The OCOG Range and Backsatter Quality FLRM, The OC	CS_OFFL_SIR_GOPR_2_20211116T085949_20211116T090915_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_GOPR_2_2021116T1098398_2021116T100300_C001 and Backscatter Quality FLAM. COCG and Backscatter Quality FLAM. COCG GS_OFFL_SIR_GOPR_2_2021116T102831_2021116T103000_C001 Dcrass Alimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Alimeter Range SSHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_2021116T102831_20211116T103300_C001 OCC0 Alimeter Range Quality FLAM. The OCC0 Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_20211116T103254_20211116T103300_C001 OCC0 Alimeter Range Quality FLAM. The OCC0 Range and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_20211116T103510_20211116T104811_C001 Occean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_20211116T110351_20211116T1104811_C001 Occean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_20211116T110361_C001 Occean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_20211116T110361_C001 Occean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. GS_OFFL_SIR_GOPR_2_20211116T110265_20211116T110261_C001 Occean Alimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20211116T094502_20211116T094927_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
GS_OFFL_SIR_GOPR_2_20211116T102051_20211116T103086_C001 and Backscatter Quality PLRM, OCOC Allimeter Range and Backscatter Quality Flags have been PLRM The OCOC Allimeter Range Backscatter Quality Flags have been and for one or more records. CS_OFFL_SIR_GOPR_2_20211116T103254_20211116T10359_C001 OCOC Allimeter Range Quality PLRM, OCOC Backscatter Quality The OCOC Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T103317_20211116T10359_C001 OCOC Allimeter Range, SSHA_SVH and Backscatter Quality The OCOR Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T10359_20211116T104811_C001 OCOE Allimeter Range, SSHA_SVH and Backscatter Quality The OCOR Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T110359_20211116T110341_C001 Ocean Alimeter Range, SSHA_SVH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA_SVH and Backscatter Quality Flags have been PLRM The Ocean Alimeter Range, SSHA_SVH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA_SVH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA_SVH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA_SVH and Backscatter Quality Flags and the OCOG Alimeter Range, SSHA_SVH and Backscatter Quality Flags have been PLRM CS_OFFL_SIR_GOPR_2_20211116T112056_20211116T112815_C001 OCOG Alimeter R	CS_OFFL_SIR_GOPR_2_20211116T095936_20211116T100230_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
OS_OFFL_SIR_GOPR_2_202111161103359_0011 OCCOG Backscatter Quality PLRM, OCCOG Backscatter Quality PLRM, OCCO Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCO Allimeter Range, SSHA, SWH The Occan Allimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCCOG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCO Allimeter Range, SSHA, SWH CS_OFFL_SIR_GOPR_2_20211116T110359_02211116T110341_C001 Decem Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCO Allimeter Range and Backscatter Quality PLRM, OCCO Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCO Allimeter Range, SSHA,	CS_OFFL_SIR_GOPR_2_20211116T102631_20211116T103008_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
US_OFFL_SIR_GOPR_2_20211116T1033F_20211116T10359_20011 OCGB Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20211116T103959_20211116T104811_C001 Ocean Altimeter Range, SSHA, SWH and backscatter Quality PLRM, OCGG Altimeter Range and Backscatter Quality Flags and the OCGB Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCGG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCGB Altimeter Range, SSHA, SWH and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20211116T12065_20211116T120747_C001 OCCGB Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCGB Altimeter Range, SSHA, SWH	CS_OFFL_SIR_GOPR_2_20211116T103254_20211116T103306_C001		
CS_OFFL_SIR_GOPR_2_20211116T103959_20211116T104811_C001 and Backscatter Quality PLay, NCCCG ind backscatter Quality Plays have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T11057_20211116T110341_C001 Allimeter Range and Backscatter Quality Plays have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T112505_20211116T112831_C001 Allimeter Range SSHA, SWH and Backscatter Quality Plays have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T112505_20211116T112831_C001 Allimeter Range, SSHA, SWH and Backscatter Quality Plays have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T112833_20211116T114238_C001 Decan Allimeter Range, SSHA, SWH and Backscatter Quality Plays have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T1120655_20211116T114238_C001 Decan Allimeter Range, SSHA, SWH and Backscatter Quality Plays have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T120747_C001 OCCG Allimeter Range, Quality PLRM, OCCG Allimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Allimeter Range	CS_OFFL_SIR_GOPR_2_20211116T103317_20211116T103539_C001		
CS_OFFL_SIR_GOPR_2_20211116T110057_20211116T11031_C001 and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality PLRM, OCOG Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been et for one or more records. CS_OFFL_SIR_GOPR_2_20211116T112831_C001 Ocean Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range, SSHA, SWH and Backscatter Quality Flags have been et for one or more records. CS_OFFL_SIR_GOPR_2_20211116T112833_20211116T114238_C001 Ocean Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T122815_C001 Ocean Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality PLRM, OCOG Allmeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T130352_20211116T130527_C001 Ocean Allmeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Allmeter Range and Backscat	CS_OFFL_SIR_GOPR_2_20211116T103959_20211116T104811_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_20211116T112505_20211116T112831_C001 and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T1120655_20211116T1120747_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality PLRM, OCCG Backscatter Quality PLRM The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T122815_C001 OCCG Backscatter Quality PLRM The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The OCCG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and the OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Cs_OFFL_SIR_GOPR_2_20211116T13052_20211116T130527_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Cs_OFFL_SIR_GOPR_2_20211116T135436_20211116T13540_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality Flags	CS_OFFL_SIR_GOPR_2_20211116T110057_20211116T110341_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_20211116T113833_20211116T114238_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range Quality PLRM, The OCGe Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T120655_20211116T120747_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T122815_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20211116T130352_20211116T130527_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range an	CS_OFFL_SIR_GOPR_2_20211116T112505_20211116T112831_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_20211116T120045_20211116T12044_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T122815_C001 Ocean Altimeter Range, Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Range, SSHA, SWH and Backscatter Quality Flags have been altimeter Ran	CS_OFFL_SIR_GOPR_2_20211116T113833_20211116T114238_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_20211116T122046_20211116T122815_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20211116T130352_20211116T130527_C001 Cean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags 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, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Bac	CS_OFFL_SIR_GOPR_2_20211116T120655_20211116T120747_C001		
CS_OFFL_SIR_GOPR_2_20211116T130352_20211116T130527_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM The Ocean Attimeter Range, and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20211116T135436_20211116T135440_C001 Cean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20211116T135499_20211116T140701_C001 Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM The Ocean Attimeter Range, SSHA, SWH and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM	CS_OFFL_SIR_GOPR_2_20211116T122046_20211116T122815_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_20211116T131717_20211116T132256_C001 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 PLRM CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T140701_C001 Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, ococg 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 and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Backscatter Quality Flags have been and the OCOG Altimeter Range and Bac	CS_OFFL_SIR_GOPR_2_20211116T130352_20211116T130527_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_20211116T135436_20211116T135440_C001 and Backscatter Quality PLRM, OCOG Ind Bockscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T140701_C001 Attimeter Range and Backscatter Quality PLRM, OCOG Ind Bockscatter Quality PLRM, OCOG CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T140701_C001 Attimeter Range and Backscatter Quality PLRM, OCOG The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range and Backscatter Quality Flags have been at the OCOG Altimeter Range Altimeter Range Altimeter	CS_OFFL_SIR_GOPR_2_20211116T131717_20211116T132256_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_20211116T135949_20211116T140701_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been Altimeter Range and Backscatter Quality Flags have	CS_OFFL_SIR_GOPR_2_20211116T135436_20211116T135440_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
PLKM	CS_OFFL_SIR_GOPR_2_20211116T135949_20211116T140701_C001	and Backscatter Quality PLRM, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPR_2_20211116T145508_20211116T150108_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_20211116T151434_20211116T151648_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_20211116T153904_20211116T154550_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_20211116T154550_20211116T154557_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_20211116T162209_20211116T162318_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_20211116T163007_20211116T163013_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_20211116T171739_20211116T172302_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_20211116T185602_20211116T190529_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_20211116T195334_20211116T195614_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_20211116T203256_20211116T204040_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_20211116T204338_20211116T204523_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_20211116T211917_20211116T212156_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_20211116T213230_20211116T213649_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_20211116T220936_20211116T221029_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_20211116T221222_20211116T221900_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_20211116T221901_20211116T222148_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_20211116T222358_20211116T222437_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_20211116T224638_20211116T224928_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_20211116T225716_20211116T230128_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_20211116T231110_20211116T231505_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_20211116T235045_20211116T235105_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_20211116T235109_20211116T235759_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.
12 Quality Flags (1 Hz & 1Hz PL PM)		

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

188

67

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

Number of products with errors:

5.8 L2 Ocean Retracking Quality Check

L2 Retracking Flags (20Hz)

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

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

Number of products with errors:

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.

138

Number of products with errors:

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

0

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

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

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

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

30

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220211115T235801_20211116T004739_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T004739_20211116T013716_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20211116T013716_20211116T022654_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20211116T022654_20211116T031631_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220211116T031631_20211116T040609_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T040609_20211116T045545_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T045545_20211116T054523_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T054523_20211116T063500_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220211116T063500_20211116T072438_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T072438_20211116T081415_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T081415_20211116T090353_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T090353_20211116T095329_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T095329_20211116T104307_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T104307_20211116T113244_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T113244_20211116T122222_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_2_20211116T122222_20211116T131159_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T131159_20211116T140137_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T140137_20211116T145113_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T145113_20211116T154051_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records

CS_OFFL_SIR_GOP_2_20211116T154051_20211116T163028_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T163028_20211116T172006_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T172006_20211116T180943_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T180943_20211116T185921_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T185921_20211116T194858_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T194858_20211116T203835_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_220211116T203835_20211116T212812_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T212812_20211116T221750_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T221750_20211116T230727_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220211116T230727_20211116T235705_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	Mean Sea Surface (1), Mean Dynamic	There is an enter with the MCC height (activities 4) and the Maco Dynamic
CS_OFFL_SIR_GOP_2_20211116T235705_20211117T004641_C001	Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_2_20211116T235705_20211117T004641_C001 6.5 P2P Measurement Confidence Data Check		
	Topography (1)	Topography height (solution 1) for one or more records
6.5 P2P Measurement Confidence Data Check	Topography (1)	Topography height (solution 1) for one or more records
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m	Topography (1)	Topography height (solution 1) for one or more records
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check	Topography (1)	Topography height (solution 1) for one or more records
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0	Topography (1) easurement record. The bit value of this flag inc	Topography height (solution 1) for one or more records
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz)	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres	Topography height (solution 1) for one or more records ticates any problems when set.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres	Topography height (solution 1) for one or more records ticates any problems when set.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flags	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres	Topography height (solution 1) for one or more records ticates any problems when set.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 29	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres s, please see Section 5.6 for the full list of pr	Topography height (solution 1) for one or more records ticates any problems when set. sponding L2 products. roducts affected.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 29 P2P Quality Flags (20Hz PLRM)	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres s, please see Section 5.6 for the full list of pr	Topography height (solution 1) for one or more records ticates any problems when set. sponding L2 products. roducts affected.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 29 P2P Quality Flags (20Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres s, please see Section 5.6 for the full list of pr	Topography height (solution 1) for one or more records ticates any problems when set. sponding L2 products. roducts affected.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 29 P2P Quality Flags (20Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 29 P2P Quality Flags (20Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 30	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres s, please see Section 5.6 for the full list of pr s, please see Section 5.6 for the full list of pr	Topography height (solution 1) for one or more records ticates any problems when set. sponding L2 products. roducts affected.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 29 P2P Quality Flags (20Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 30 P2P Quality Flags (1 Hz & 1Hz PLRM)	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres s, please see Section 5.6 for the full list of pr s, please see Section 5.6 for the full list of pr	Topography height (solution 1) for one or more records ticates any problems when set. sponding L2 products. roducts affected.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 29 P2P Quality Flags (20Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags Number of products with errors: 30 P2P Quality Flags (1 Hz & 1Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flags	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the corres s, please see Section 5.6 for the full list of pr s, please see Section 5.6 for the full list of pr	Topography height (solution 1) for one or more records ticates any problems when set. sponding L2 products. roducts affected.
6.5 P2P Measurement Confidence Data Check CryoSat P2P data includes a measurement confidence flag for each 20-Hz m Number of products with errors: 0 6.6 P2P Measurement Quality Flag Check P2P Quality Flags (20Hz) CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Since the P2P Quality Flags are copied directly from the L2 Quality Flag Number of products with errors: 29 P2P Quality Flags (20Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flag Number of products with errors: 30 P2P Quality Flags (1 Hz & 1Hz PLRM) Since the P2P Quality Flags are copied directly from the L2 Quality Flag Number of products with errors: 30	Topography (1) easurement record. The bit value of this flag inc Hz measurement record, copied from the correc s, please see Section 5.6 for the full list of pr s, please see Section 5.6 for the full list of pr	Topography height (solution 1) for one or more records ticates any problems when set. sponding L2 products. roducts affected. roducts affected.

Number of products with errors:

P2P Retracking Flags PLRM

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

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

25

30

Number of products with errors:

7. GOP QCC Report Analysis

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

Product type	No. Products	No. QCC Reports	No. Valid	No. Warnings	No. Errors
SIR_GOPM1B	185	185	3	182	0
SIR_GOPR1B	111	111	0	111	0
SIR_GOPN1B	98	98	4	94	0
SIR_GOPM_2	185	185	131	54	0
SIR_GOPR_2	111	111	39	71	1
SIR_GOPN_2	98	98	40	58	0
SIR_GOP_P2P	29	29	0	28	1

7.1 QCC Errors

Number of QCC reports with errors: 2 Total number of occurrences of each error											
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_GOPR_2	1	1	1	1							
Product Type	RLOBOPNCDF	RL	RLOBOPNCDF	RL	-	-	-	-	-	-	-
SIR_GOP_2_	1	1	1	1							
Test Description Key:											
Abbreviation	Test na			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

7.2	QCC	Warnings
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nber of QCC reports with warnings М

Product Type	BCSHNCDF	IOHHMOOR	MVIOEPFDNCDF	ber of occurrences of ea MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMN
SIR GOPM1B	182	0	0	0	0	0	0
SIR GOPM 2	0	0	41	44	1	42	0
SIR GOPN1B	92	0	0	0	0	0	0
SIR GOPN 2	0	0	9	30	4	26	28
SIR GOPR1B	106	0	0	0	0	0	0
SIR GOPR 2	0	1	35	43	0	30	22
					1-		1
Product Type	RBSZOPOEPNCDF	RNELPOTONCDF	RPEPOPFDLRMNCDF	RPEPOPFDPLRMSARNCI	RPEPOPFDPLRMSINNCD	RPEPOPFDSARNCDF	RPEPOPFDSINNCDF
SIR GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	38	1	36	0	0	0	0
SIR_GOPN1B	0	0	0	0	0	0	0
SIR GOPN 2	19	0	0	0	25	0	33
SIR GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	8	0	0	44	0	50	0
Product Type	RPEPOPLRMNCDF	RPEPOPSARNCDF	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR_GOPM1B	0	0	0	0	0	0	0
SIR_GOPM_2	30	0	0	4	29	0	4
SIR_GOPN1B	0	0	0	0	0	0	0
SIR_GOPN_2	0	0	27	17	41	52	27
SIR_GOPR1B	0	0	0	0	0	0	0
SIR_GOPR_2	0	46	0	1	60	34	10
Product Type		RSWHOEPFDPLRMNCDF	RSWHOEPNCDF	SPHRTASCNSNCDF	SOOHHIFHD	SCSTODHRNCDF	SCSTODNCDF
SIR_GOPM1B	0	0	0	1	0	0	0
SIR_GOPM_2	40	0	3	1	0	0	0
SIR_GOPN1B	0	0	0	0	0	45	0
SIR_GOPN_2	27	28	14	0	0	0	0
SIR_GOPR1B	0	0	0	0	0	111	6
SIR_GOPR_2	37	45	1	0	2	0	0
	·	I					
Product Type	IOHHMOOR	MVIOEPFDNCDF	MVIOEPNCDF	MVIONCDF	RBSZOPOEPFDNCDF	RBSZOPOEPFDPLRMNC	
SIR_GOP_2_	17	29	29	5	29	18	28
Product Type	RPEPOPFDPLRMSINNCD	RPEPOPEDSINNCDE	RPEPOPSINNCDF	RSSBCONCDF	RSSHAOFDNCDF	RSSHAOFDPLRMNCDF	RSSHAONCDF
SIR GOP 2	18	29	24	13	29	19	23
	10	20	L T		20	10	20
Product Type	RSWHOEPFDNCDF	RSWHOEPFDPLRMNCDF	RSWHOEPNCDE	SPHLPQWNCDF	-	-	

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				
RNELPOTONCDF	RangeNELPOceanTideOceanNetCDF	The Non-equilibrium long period ocean loading tide height should be between -40mm and 40mm (or missing) for surface type = ocean				
RPEPOPFDLRMNCDF	RangePeakinessExcludingPolarOPFD2LRMNetCDF	The Peakiness should be between 0 and 6400 (or missing) for surface type = ocean for latitudes between -70 and 70 degrees				
RPEPOPFDPLRMSAR	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	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	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_Stop_v2_NetCDF	Rel_Time_ASC_Node_Stop mismatch				
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

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