

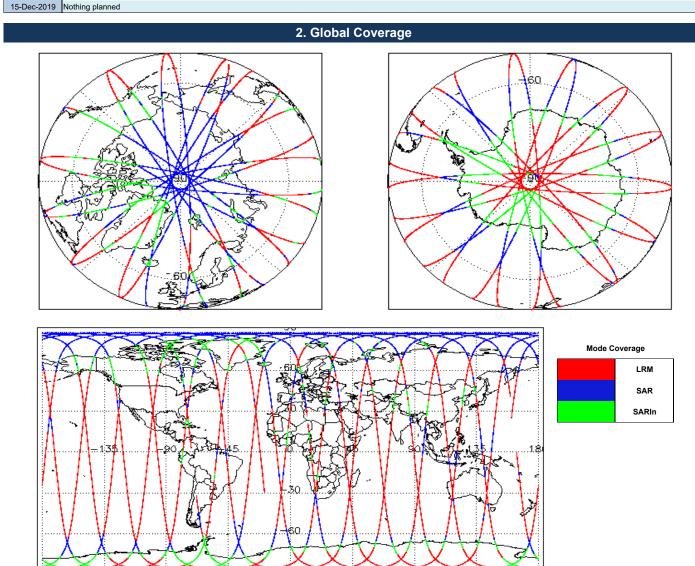
QA4EO Daily Report for GOP data:

<u>14/12/2019</u>

	14-Jan-2020	Check	L1 & L2	P2P
eport Production:		Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	Crave Set Oscer Presses	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor used.	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	Product Format Check	Nominal	Nominal
Data Useu.		Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7

1. Overview

Mission / Instrument News			
13-Dec-2019	None		
14-Dec-2019	None		



3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

0

For all products, a series of pre-defined checks are performed on the MPH and	d SPH in order to identify any inco	onsistencies and/or errors raised by the ground-segment processing chain.				
L1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1E OSARIn chains. A modification is required in the next release.	3 GOPR and GOPN products bee	cause the I1b_processing_quality_hr field is not correctly configured in the OSAR and				
Number of products with errors: 0						
4.3 L1B Auxilary Data File Usage Check						
Each product is checked for missing Data Set Descriptors with respect to a pre	e-determined baseline and also to	check the validity of Auxiliary Data Files is correct.				
Number of products with errors: 0						
4.4 L1B Auxiliary Correction Error Check						
CryoSat L1B data includes a correction error flag for each measurement record	 a. The bit value of this flag indication 	tes any problems when set.				
Number of products with errors: 0						
4.5 L1B Measurement Confidence Data Check						
CryoSat L1B data includes a measurement confidence flag for each measuren	nent record. The bit value of this t	lag indicates any problems when set.				
Attitude Correction Missing: This flag is currently set in error for GOPR prod						
Number of products with errors: 0						
4.6 L1B Waveform Group Data Check						
•		Loss of Echo Flag: This flag is currently set for some products over land, but this is to be expected. Number of products with errors: 22				
Product	Teet Failed					
	Test Failed	Description				
	Loss of Echo	The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001	Loss of Echo Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T005747_20191214T011026_C001 CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T020743_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T020743_20191214T022049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T170702_20191214T171151_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T170702_20191214T171151_C001 CS_OFFL_SIR_GOPN1B_20191214T183911_20191214T183955_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T170702_20191214T17151_C001 CS_OFFL_SIR_GOPN1B_20191214T183911_20191214T183955_C001 CS_OFFL_SIR_GOPN1B_20191214T184147_20191214T184205_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records The tracking echo is missing for one or more records				
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CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPM1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T170702_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T183911_20191214T183955_C001 CS_OFFL_SIR_GOPN1B_20191214T184147_20191214T184205_C001 CS_OFFL_SIR_GOPN1B_20191214T202046_20191214T202112_C001 CS_OFFL_SIR_GOPN1B_20191214T2224717_20191214T225128_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking e				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T02114T020191214T022049_C001 CS_OFFL_SIR_GOPM1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T170702_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T183911_20191214T183955_C001 CS_OFFL_SIR_GOPN1B_20191214T184147_20191214T184205_C001 CS_OFFL_SIR_GOPN1B_20191214T202466_20191214T222112_C001 CS_OFFL_SIR_GOPN1B_20191214T224717_20191214T225128_C001 CS_OFFL_SIR_GOPN1B_20191214T224023_20191214T234041_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking e				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001 CS_OFFL_SIR_GOPN1B_20191214T034506_20191214T034922_C001 CS_OFFL_SIR_GOPN1B_20191214T090233_20191214T090437_C001 CS_OFFL_SIR_GOPN1B_20191214T103106_20191214T103137_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T152750_20191214T153001_C001 CS_OFFL_SIR_GOPN1B_20191214T170702_20191214T153005_C001 CS_OFFL_SIR_GOPN1B_20191214T183911_20191214T183955_C001 CS_OFFL_SIR_GOPN1B_20191214T184147_20191214T184205_C001 CS_OFFL_SIR_GOPN1B_20191214T202046_20191214T225128_C001 CS_OFFL_SIR_GOPN1B_20191214T234023_20191214T234041_C001 CS_OFFL_SIR_GOPN1B_20191214T0238_20191214T03038_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking e				
CS_OFFL_SIR_GOPM1B_20191214T080731_20191214T084026_C001 CS_OFFL_SIR_GOPM1B_20191214T221140_20191214T222049_C001 CS_OFFL_SIR_GOPN1B_20191214T020743_20191214T021039_C001	Loss of Echo	The tracking echo is missing for one or more records The tracking e				

T2355110_C001 Loss of Echo The tr

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The tracking echo is missing for one or more records

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The tracking echo is missing for one or more records

The tracking echo is missing for one or more records

5.1 L2 Product Format Check

CS_OFFL_SIR_GOPR1B_20191214T124612_20191214T125311_C001

CS_OFFL_SIR_GOPR1B_20191214T192557_20191214T192943_C001

CS_OFFL_SIR_GOPR1B_20191214T210554_20191214T210932_C001

CS_OFFL_SIR_GOPR1B_20191214T234915_20191214T235110_C001

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

0

0

Number of products with errors:

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

5.4 L2 Auxiliary Correction Error Check

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

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

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

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

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

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CL OHL SK COMPL 2 2019/210102012 2019/210102012 COMPLETERSON 2019 CL OHL SK COMPL 2 2019/210102012 2019/210102002 COMPLETERSON 2019 CL OHL SK COMPL 2 2019/210102002 2019/210102002 COMPLETERSON 2019 CL OHL SK COMPL 2 2019/210102001 2019/210000 CL	Product	Test Failed	Description
SC 0FL SR 000FL 201901241102013_0011211002012_0011 Issepapy () Issepapy () Issepapy () SC 0FL SR 000FL 201901241102011_0011211002012_0011 Mend SS dutter () Man Draw The is an error with the Man Draw is a first with the M		Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) and the Mean Dynamic
Control Decision Comparison C	CS_OFFL_SIR_GOPN_2_20191214T020743_20191214T021039_C001		
Bits Description Toography (1) Too (1) Toography (1) Too (1) </td <td>CS_OFFL_SIR_GOPN_2_20191214T030318_20191214T030928_C001</td> <td></td> <td></td>	CS_OFFL_SIR_GOPN_2_20191214T030318_20191214T030928_C001		
Bits Description Description <tdd< td=""><td>CS_OFFL_SIR_GOPN_2_20191214T034506_20191214T034922_C001</td><td></td><td></td></tdd<>	CS_OFFL_SIR_GOPN_2_20191214T034506_20191214T034922_C001		
Sc. DFL_SIR_GOPN_2_201912417062306_201910147060000	CS_OFFL_SIR_GOPN_2_20191214T043355_20191214T043625_C001	Mean Dynamic Topography (1)	
Science Control Science Control Science Control Science Control Science Control	CS_OFFL_SIR_GOPN_2_20191214T044251_20191214T044603_C001	Mean Dynamic Topography (1)	
Sci. Dr. 200 PTL_SIN_2001111111 (00000_20001) Mean Dynamic Topography (1) or more recode CS_OFFL_SIN_COPPL_2001111111 (00000_20001) Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (2000011) (1) for one or more recode CS_OFFL_SIN_COPPL_2001121411003240_200112141100313_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (1) CS_OFFL_SIN_COPPL_2.00191214110310_001012141110133_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIN_COPPL_2.0019121411111141_C0011 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_SIN_COPPL_2.001912141111142_001912141111142_00191214111144_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_SIN_COPPL_2.00191214112232_0191214112254_0001 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_SIN_COPPL_2.00191214110232_00191214112254_0001 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 Topograp	CS_OFFL_SIR_GOPN_2_20191214T052356_20191214T052744_C001	Mean Dynamic Topography (1)	
CS_OFFL_SR_GOPN_2_20191241100340_20191141100144_2001 Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) for one or more records CS_OFFL_SR_GOPN_2_2019124110336_2019124110337_CO01 Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) and the Mean Dynamic Topography (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SR_GOPN_2_20191241110316_20191241110317_CO01 Mean Desa Surface (1), Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SR_GOPN_2_20191241111231_20191241111034_CO01 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SR_GOPN_2_20191241111231_20191241111232_20191241111232 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SR_GOPN_2_2019124111232 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SR_GOPN_2_2019124111232 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_SR_GOPN_2_2019124111232 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSD height (colution 1) and the Mean Dynamic Topography (1) CS_OFFL_	CS_OFFL_SIR_GOPN_2_20191214T062340_20191214T062456_C001	Mean Dynamic Topography (1)	
SS_DPL_SR_QOPL_2_010124110354_010111410354_0001 Mean Dynamic Topography (b) There is an error with the MSS height (boldon 1) and the Mean Dynamic Topography (c) CS_OFFL_SR_GOPN_2_2010124110306_201012141110317_0001 Mean Dynamic Topography (c) There is an error with the MSS height (boldon 1) for one or more records CS_OFFL_SR_GOPN_2_201012141110310011 Mean Dynamic Topography (c) There is an error with the MSS height (boldon 1) for one or more records CS_OFFL_SR_GOPN_2_20101214111031_201012141112206_0001 Mean Sas Sufface (1), Mean Dynamic Topography (c) There is an error with the MSS height (boldon 1) for the Mean Dynamic Topography (c) CS_OFFL_SR_GOPN_2_20101214111034_201012141112206_0001 Mean Sas Sufface (1), Mean Dynamic Topography (c) There is an error with the MSS height (coldon 1) and the Mean Dynamic Topography (1) CS_OFFL_SR_GOPN_2_201012141125312_01012141112546_0001 Mean Ses Sufface (1), Mean Dynamic Topography (1) There is an error with the MSS height (coldon 1) and the Mean Dynamic Topography (1), Toral Geoornic Ocean Tise height (c) CS_OFFL_SR_GOPN_2_201012141163201_0001 Mean Ses Sufface (1), Mean Dynamic Topography (1) There is an error with the MSS height (c) for one or more records CS_OFFL_SR_GOPN_2_20101214116321_0010 Mean Ses Sufface (1), Mean Dynamic Topography (1) There is an error with the Man Dynamic Topography (c) CS_OFFL_SR_GOPN_2_20101214116305_001001 Mean Ses Sufface (1), Mean Dynamic Topography (c)	CS_OFFL_SIR_GOPN_2_20191214T065850_20191214T070436_C001	Mean Dynamic Topography (1)	
USUDFL_SIR_GOPN_2_20191214110306_201912141103137_C001 Topography (1) Topography (2) Topography (2) CS_OFFL_SIR_GOPN_2_201912141103106_201912141103137_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_201912141111231_2019121411112206_C0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_201912141112312_201912141112206_C0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_201912141112312_201912141112206_C0011 Mean Sea Surface (1), Mean Dynamic Topography (1) Topo	CS_OFFL_SIR_GOPN_2_20191214T093249_20191214T093414_C001	Mean Dynamic Topography (1)	
CS_DFL_SIR_GOPN_2_20191214T10310_20191214T110310_2001 Invest is pography (1) or more recode CS_OFFL_SIR_GOPN_2_20191214T11231_20191214T111454_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T1125312_20191214T125546_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T125312_20191214T125546_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T125322_20191214T125546_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T125252_20191214T1252542_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T152562_20191214T15250_20191214T165201_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T16208_20191214T165210_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T165206_20191214T165210_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) for one or more recods CS_OFFL_SIR_GOPN_2_2019121	CS_OFFL_SIR_GOPN_2_20191214T093935_20191214T094243_C001		
CS_DFFL_SIR_GOPN_2_20191214T11834_20191214T11250_0001 Topography (1) Topography height (aclution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T112531_20191214T125546_0001 Mean Sea Surface (1), Mean Dynamic Topography Meight (aclution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T134642_20191214T134643_0001 Mean Sea Surface (1), Mean Dynamic Topography Meight (aclution 1) and the Mean Dynamic Topography Meight (aclution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T16205_20191214T161219_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191214T170702_20191214T16121_C001 Mean Se	CS_OFFL_SIR_GOPN_2_20191214T103106_20191214T103137_C001	Mean Dynamic Topography (1)	
CS_DFPL_SIR_GOPPL_20191214111268_0001 Topography (1) Topography height (solution 1) for one runce records CS_OFFL_SIR_GOPN_2.20191214T125312_0191214T125546_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2.20191214T134822_0191214T134943_0001 There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2.20191214T134822_0011 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2.20191214T134822_00191214T143432_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2.20191214T16250_0191214T16219_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2.20191214T16129_0001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPN_2.20191214T16129_0001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (solution 1) and the Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPN_2.20191214T16129_001 Mean Sa Surface (1), Mean Dynamic Topography (solution 1) for one or more records CS_OFFL_SIR_GOPN_2.20191214T170702_20191214T16129_001 Mean Sa Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topo	CS_OFFL_SIR_GOPN_2_20191214T111231_20191214T111454_C001		
CS_DFFL_SIR_GOPN_2_20191214T13452_20191214T134943_C001 Topography (n) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (n) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (n) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T162059_20191214T162010_20191214T162050_20191214T162050_20191214T115010_20191214T115010_20191214T115010_20191214T115010_20191214T1115010_201911111111111111111111111111111111	CS_OFFL_SIR_GOPN_2_20191214T111834_20191214T112206_C001		
CS_OFFL_SIR_GOPN_2_20191214T134822_20191214T13493_C001 Topograph (1), Total Geocentric Ocean Topograph (2), Total Geoce	CS_OFFL_SIR_GOPN_2_20191214T125312_20191214T125546_C001		
CS_OFFL_SIR_GOPN_2_201912141162841_201912141163301_C001 Topography (1) Topography (1) Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T152750_20191214T153001_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_GOPN_2_20191214T16008_20191214T162050_20191214T162301_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T162050_20191214T162050_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191214T170702_20191214T162050_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_GOPN_2_20191214T1792844_20191214T180115_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_GOPN_2_20191214T192844_20191214T18014C001 Mean Sea Surface (1). Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Ted (CDT), Total Geocentric Ocean Ted	CS_OFFL_SIR_GOPN_2_20191214T134822_20191214T134943_C001	Topography (1), Total Geocentric Ocean	Topography height (solution 1) and the Total Geocentric Ocean Tide height
CS_OPPL_SIR_GOPN_2_20191214T18263_20191214T18260_20191214T18260_20191214T182630_20191214T161219_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T16036_20191214T16129_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_20191214T16036_20191214T162301_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_GOPN_2_20191214T170702_20191214T17151_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_GOPN_2_20191214T198366_20191214T180115_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T182044_20191214T193104_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (COT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (FCS), Non-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (FCS), Non-Equilibrium Long Period Ocean Tide (FCS), Non-Equilibrium Long Period Ocean Tide (FCS), Total Geocentric Ocean Tide (FCS), Total Geocentric Ocean Tide (FCS), Total Geocent	CS_OFFL_SIR_GOPN_2_20191214T142841_20191214T143432_C001		
CS_OFFL_SIR_GOPN_2_20191214T162059_20191214T162301_C001 Mean Dynamic Topography (1) or more records CS_OFFL_SIR_GOPN_2_20191214T162059_20191214T162301_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191214T170702_20191214T17151_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191214T1792944_20191214T180115_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T193104_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (FES), and the Non-Equilibrium Long Period Ocean Tide (FES), and the Non-Equilibrium Long Period Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), and the Not Fadilbrium Long Period Ocean Tide (GOT) CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T21554_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), and the Not Fadilbrium Long Period Ocean Tide (GOT) CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T21554_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES) and the Nota Fadilbrium Long Period Ocean Tide (GOT) CS_OFFL_SIR_GOPN_2_20191214T21245701_20191214T225826_C001 Mean S	CS_OFFL_SIR_GOPN_2_20191214T152750_20191214T153001_C001		
CS_OFFL_SIR_GOPN_2_20191214110203_20191214117155_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_GOPN_2_20191214T175856_20191214T180115_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_GOPN_2_20191214T192944_20191214T193104_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T19307_20191214T193339_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GC)T, Total Geocentric Ocean Tide (GC)T, Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide CS_OFFL_SIR_GOPN_2_20191214T210932_20191214T211245_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric	CS_OFFL_SIR_GOPN_2_20191214T161036_20191214T161219_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_GOPN_2_20191214T17052_001214T17052_001214T17051_0001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T175856_20191214T180115_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T192944_20191214T193104_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T193107_20191214T193339_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1), total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide (FES), non-Equilibrium Long Period Ocean Tide (GOT), Total Geocentric Oce	CS_OFFL_SIR_GOPN_2_20191214T162059_20191214T162301_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_GOPN_2_201912141T19305_201912141T193104_C001 Mean Sea Surface (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T193107_20191214T193309_C001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Mon-Equilibrium Long Period Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide (GOT), Total Geocentric Ocean Tide (GOT), Forone or more records CS_OFFL_SIR_GOPN_2_20191214T225707_20191214T225528_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191214T225701_20191214T225826_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records	CS_OFFL_SIR_GOPN_2_20191214T170702_20191214T171151_C001		
Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period CS_OFFL_SIR_GOPN_2_20191214T210932_20191214T211245_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_GOPN_2_20191214T215407_20191214T215534_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 (GOT) CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T225128_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 Mean Dynamic Topography (1) CS_OFFL_SIR_GOPN_2_20191214T225701_20191214T225128_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_GOPN_2_20191214T225701_20191214T225826_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_GOPN_2_20191214T225701_20191214T225826_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records	CS_OFFL_SIR_GOPN_2_20191214T175856_20191214T180115_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_GOPN_2_20191214T193107_20191214T193339_C001Topography (1), Total Geocentric Ocean Tide (GCT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean TideThere is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOPN_2_20191214T210932_20191214T211245_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) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T215534_C001Mean 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 Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_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_GOPN_2_20191214T225701_20191214T225826_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_GOPN_2_20191214T225701_20191214T225826_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_GOPN_2_20191214T2238641_20191214T224023_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsMean Sea Surface (1), Mean Dynamic Topography (1), To	CS_OFFL_SIR_GOPN_2_20191214T192944_20191214T193104_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20191214121092_201912141211245_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T215534_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 (solution 1: GOT) for one or more records CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_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_GOPN_2_20191214T225701_20191214T225826_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T223641_20191214T225826_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T223641_20191214T224732_0001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records	CS_OFFL_SIR_GOPN_2_20191214T193107_20191214T193339_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean
CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T215534_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_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_GOPN_2_20191214T225701_20191214T225826_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_GOPN_2_20191214T225701_20191214T225826_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_GOPN_2_20191214T223641_20191214T224732_2001 Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean	CS_OFFL_SIR_GOPN_2_20191214T210932_20191214T211245_C001		
CS_OFFL_SIR_GOPN_2_201912141225701_201912141225128_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T225701_20191214T225826_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T223701_20191214T225826_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T234023_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1), Total Geocentric Ocean Tide height (solution 1) and the Total Geocentric Ocean Tide h	CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T215534_C001	Topography (1), Total Geocentric Ocean	Topography height (solution 1) and the Total Geocentric Ocean Tide height
CS_OFFL_SIR_GOPN_2_201912141225701_201912141225826_CU01 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPN_2_201912141223641_20191214T234023_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T234023_C001 Topography (1), Total Geocentric Ocean Topography height (solution 1) and the Total Geocentric Ocean	CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_C001		
CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T234023_C001 Topography (1), Total Geocentric Ocean Tide height	CS_OFFL_SIR_GOPN_2_20191214T225701_20191214T225826_C001		
	CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T234023_C001	Topography (1), Total Geocentric Ocean	Topography height (solution 1) and the Total Geocentric Ocean Tide height

	Moon Soo Surface (1) Moon Dunamia	There is an error with the MCS height (colution 1) and the Mean Dynamic
CS_OFFL_SIR_GOPN_2_20191214T234023_20191214T234041_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T003125_20191214T003847_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T021039_20191214T021751_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T023709_20191214T023944_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20191214T034922_20191214T035617_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T052744_20191214T053621_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T070437_20191214T071217_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T084410_20191214T085031_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T085031_20191214T085317_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records
CS_OFFL_SIR_GOPR_2_20191214T102231_20191214T102930_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T102930_20191214T103106_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T120337_20191214T120827_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T120827_20191214T120951_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T134134_20191214T134711_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T134711_20191214T134821_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T152348_20191214T152444_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T152444_20191214T152750_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T170013_20191214T170702_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T184205_20191214T184729_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T201016_20191214T201209_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20191214T202113_20191214T202906_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T215920_20191214T220849_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_20191214T234041_20191214T234824_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

5.5 L2 Measurement Confidence Data Check

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

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20191213T235230_20191214T001834_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191214T001851_20191214T002611_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191214T004151_20191214T005306_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20191214T005746_20191214T011026_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_OFFL_SIR_GOPM_2_20191214T011132_20191214T011506_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_20191214T011708_20191214T012227_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_20191214T013333_20191214T014605_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_20191214T014819_20191214T020536_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_20191214T021751_20191214T021759_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_20191214T022738_20191214T023708_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_20191214T023944_20191214T025357_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_20191214T025633_20191214T030138_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_20191214T030202_20191214T030318_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_20191214T030928_20191214T031123_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_20191214T031431_20191214T031755_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_20191214T033319_20191214T033545_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_20191214T033614_20191214T033709_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_20191214T041652_20191214T043305_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_20191214T043625_20191214T044054_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_20191214T044729_20191214T051242_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_20191214T054710_20191214T061232_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_20191214T061448_20191214T062008_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_20191214T062014_20191214T062339_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_20191214T062713_20191214T065416_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_20191214T065542_20191214T065850_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_20191214T072436_20191214T075119_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_20191214T075433_20191214T080245_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_20191214T080730_20191214T084026_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_20191214T085317_20191214T085526_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_20191214T092419_20191214T092935_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_20191214T093414_20191214T093935_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_20191214T094609_20191214T100746_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_20191214T101032_20191214T102015_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_20191214T103143_20191214T103601_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_20191214T105151_20191214T105637_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_20191214T105825_20191214T110849_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_20191214T112523_20191214T113037_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_20191214T113047_20191214T113820_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_20191214T113848_20191214T114250_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_20191214T115410_20191214T115734_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_20191214T121503_20191214T124612_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_20191214T125547_20191214T125740_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_20191214T130035_20191214T130213_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_20191214T130434_20191214T131047_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_20191214T131910_20191214T132204_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_20191214T132645_20191214T133335_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_20191214T134943_20191214T135344_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_20191214T135510_20191214T140103_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_20191214T140158_20191214T141045_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_20191214T141704_20191214T142841_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_20191214T143727_20191214T144149_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_20191214T144403_20191214T145037_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_20191214T145147_20191214T145832_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_20191214T150012_20191214T151457_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_20191214T154147_20191214T154413_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_20191214T154535_20191214T155023_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_20191214T155320_20191214T160914_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_20191214T161219_20191214T162058_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_20191214T162324_20191214T164555_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_20191214T172510_20191214T174759_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_20191214T175135_20191214T175323_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_20191214T180242_20191214T180705_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_20191214T180722_20191214T182729_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_20191214T190011_20191214T192557_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_20191214T193104_20191214T193106_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_20191214T193339_20191214T193931_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_20191214T194203_20191214T200341_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_20191214T200353_20191214T200828_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_20191214T201833_20191214T201934_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_20191214T203204_20191214T210554_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_20191214T211245_20191214T211802_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_20191214T212443_20191214T212655_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_20191214T221140_20191214T222049_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_20191214T222335_20191214T224514_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_20191214T225254_20191214T225701_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_20191214T230154_20191214T231208_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_20191214T231356_20191214T232105_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_20191214T232150_20191214T232631_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_20191214T235111_20191215T002420_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_20191214T034506_20191214T034922_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_20191214T062009_20191214T062014_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_20191214T153542_20191214T153704_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20191214T033709_20191214T033725_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20191214T061232_20191214T061333_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_20191214T080401_20191214T080730_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_20191214T112207_20191214T112523_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_20191214T115946_20191214T120024_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20191214T133618_20191214T133641_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20191214T140104_20191214T140158_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_20191214T160915_20191214T161036_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_20191214T194059_20191214T194203_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20191214T022348_20191214T022738_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_20191214T025448_20191214T025633_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_20191214T034031_20191214T034154_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_20191214T034506_20191214T034922_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_20191214T035618_20191214T035633_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_20191214T053736_20191214T053907_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_20191214T054329_20191214T054710_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_20191214T062340_20191214T062456_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_20191214T065850_20191214T070436_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_20191214T080246_20191214T080401_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_20191214T085603_20191214T085725_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_20191214T090233_20191214T090438_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_20191214T103106_20191214T103137_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_20191214T104823_20191214T105151_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_20191214T111231_20191214T111454_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_20191214T121409_20191214T121457_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_20191214T125312_20191214T125546_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_20191214T125740_20191214T130035_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_20191214T130213_20191214T130405_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.

CO CO Description	CS_OFFL_SIR_GOPN_2_20191214T134822_20191214T134943_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
 Churn Jeng Goru J. 2019914119319.2019914119300_0001 Michaeller Court (Michaeller Court) (Michaeller C	CS_OFFL_SIR_GOPN_2_20191214T142841_20191214T143432_C001		
02. OHL BK GGPL 2. 2019121110330. C011 CO23. Minister Raze, SBM, SMM and Raze, SBM, SMM and SM	CS_OFFL_SIR_GOPN_2_20191214T152750_20191214T153001_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
BL_GRE_UR_QOM_2 201914114443_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM BL_GRE_UR_QOM_2 201914111413500_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM BL_GRE_UR_QOM_2 20191411115500_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM BL_GRE_UR_QOM_2 201912111115500_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM BL_GRE_UR_QOM_2 201912111115500_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM CS_GRE_UR_QOM_2 201912111111500_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM CS_GRE_UR_QOM_2 20191211111111000_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM CS_GRE_UR_QOM_2 20191211111111000_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM CS_GRE_UR_QOM_2 20191211111111000_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM CS_GRE_UR_QOM_2 2019121111111010_0011 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM CS_GRE_UR_QOM_2 20191211110110_0001 COOD Minimum Regret Dath/ FLM The COOD Regret and Booksetter Dath/ FLM CS_GRE_UR_QOM_2 20191211110102_0001 COOD Minim	CS_OFFL_SIR_GOPN_2_20191214T153118_20191214T153346_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Open Description Open Administration (Control in 1990) (Contro	CS_OFFL_SIR_GOPN_2_20191214T154413_20191214T154535_C001	OCOG Altimeter Range Quality PLRM,	
CB_OPT_BR_OPT_2_B1091214710138_20101214710139_0001 mill babcader Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710238_20101214710239_0001 COS Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710238_20101214710310_0001 COS Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710310_0001 COS Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710310_0001 COS Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710310_0001 COS Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710322_0101214710422_0001 COSO Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710322_0101214710422_0001 COSO Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710322_0101214710422_0001 COSO Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710322_0101214710320_01001 COSO Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710318_01011214710318_00001 COSO Alther Rage Cashy PRA 0000 mill babcader Cashy PRA 0000 CB_OPT_BR_OPT_2_D101214710318_0101111111110_00001 COSO Alther Rage Ca	CS_OFFL_SIR_GOPN_2_20191214T155023_20191214T155320_C001		
CB_OFT_BR_OOP 2.0191214T16038_20191214T16038_00101 mid Bastaatier Guarty FRAM.COCG Minister Galary Minister Galary FRAM.COCG Minister Galary FRAM.COCG Minister Galary FRAM.COCG Minister Galary FRAM.COCG Minister Galary Galary FRAM.COCG Minister Galary Galary Minister Galary FRAM.COCG Minister Galary Galary Minister Galary FRAM.COCG Minister Galary Galary Minister Galary Minister Galary Mi	CS_OFFL_SIR_GOPN_2_20191214T161036_20191214T161219_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
00.0FT_SR_00PL_2019124111051/_2019124111051	CS_OFFL_SIR_GOPN_2_20191214T162059_20191214T162301_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFIL_SR_GOPN_2_20191214T17032_0191214T171522_001 OCCO Alimeter Range Guality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T175523_0191214T175522_001 OCCO Alimeter Range Quality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T175523_0191214T175522_001 OCCO Alimeter Range Quality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T15915_0191214T159240_001 OCCO Alimeter Range Quality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T16915_0191214T159240_001 OCCOG Alimeter Range Quality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T16915_0191214T159240_001 OCCOG Alimeter Range Quality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T16915_0191214T159330_001 OCCOG Alimeter Range Quality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T169150_0191214T159330_001 OCCOG Alimeter Range Quality PLM. OCCO The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFIL_SR_GOPN_2_20191214T169015_0191214T159330_0011 OCCOG Alimeter Range Quality PLM. O	CS_OFFL_SIR_GOPN_2_20191214T165147_20191214T165310_C001		
CS_OFIL_SIR_GOPN_2_20191214T175323_0191214T175322_C011 OCGO Allineter Range Guilly PLRM, To COGO Range and Backscatter Quality Flags have been set for one of non-records. CS_OFIL_SIR_GOPN_2_20191214T175329_0191214T175329_0191214T183140_C011 OCGO Allineter Range Guilly PLRM, COGO Allineter Range and Backscatter Quality Flags have been set for one or non-records. CS_OFIL_SIR_GOPN_2_20191214T183145_0191214T183140_C011 OCCOA Allineter Range Guilly PLRM, The OCGO Allineter Range and Backscatter Quality Flags have been set for one or non-records. CS_OFIL_SIR_GOPN_2_20191214T183145_0191214T183140_C011 OCCOA Allineter Range Guilly PLRM, The OCGO Allineter Range Guilly PLRM, Th	CS_OFFL_SIR_GOPN_2_20191214T170702_20191214T171151_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CB_OFFL_SIR_GOPN_2_201912141179592_20191214118015_0001 and Backscatter Quality PLEM_ODOS into decinocational methys back, solution PLegs have been and for one or more records. CB_OFFL_SIR_GOPN_2_20191214118315_20191214118315_0001 OCOG Altimeter Range Quality PLEM, OCOS Backscatter Quality Flags have been and for one or more records. The OCOS Range and Backscatter Quality Flags have been and for one or more records. CB_OFFL_SIR_GOPN_2_20191214118315_20191214118315_0001 OCOG Altimeter Range Quality PLEM, OCOS Backscatter Quality Flags have been and for one or more records. The OCOS Range and Backscatter Quality Flags have been and for one or more records. CB_OFFL_SIR_GOPN_2_20191214118315_20191214118395_0001 OCOG Altimeter Range Quality PLEM, OCOS Backscatter Quality Flags have been and for one or more records. The OCOS Range and Backscatter Quality Flags have been and for one or more records. CB_OFFL_SIR_GOPN_2_201912141193931_201912141194058_0001 Ocos Altimeter Range Quality PLEM, OCOS Backscatter Quality Flags have been and for one or more records. The OCOS Range and Backscatter Quality Flags have been and for one or more records. CB_OFFL_SIR_GOPN_2_2019121417214208_0011 Ocos Altimeter Range Quality PLEM, OCOS Backscatter Quality Flags have been and for one or more records. The OCOS Range and Backscatter Quality Flags have been and for one or more records. CB_OFFL_SIR_GOPN_2_2019121417214208_0001 OCOS Altimeter Range Quality PLEM, OCOS Backscatter Quality Flags have been and for one or more records. The OCOS Range and Backscatter Quality Flags have been and for one or more	CS_OFFL_SIR_GOPN_2_20191214T175323_20191214T175422_C001		
OS_DFFL_SIR_GOPN_2_20191214T18315_20191214T18365_0001 OCOG Backscatter Quality more records. OS_DFFL_SIR_GOPN_2_20191214T183917_20191214T18365_0001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T183917_20191214T18355_0001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T183931_20191214T18355_0001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T183931_20191214T18355_0001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T2102066_20191214T2162060_001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T216207_20191214T2162534_0001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T214007_20191214T2152534_0001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T23464_00191214T23540_20001 OCOG Alimeter Range Quality PLRA. The OCOG Range and Backscatter	CS_OFFL_SIR_GOPN_2_20191214T175856_20191214T180115_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Construction Cocid Backscatter Quality Incore records. CS_OFFL_SIR_GOPN_2_20191214T19339_C001 CCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T19339_C011 CCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T19339_C0191214T194056_C001 CCCG Backscatter Quality PLRM, CCCG The OCCCR ange and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T202806_C00191214T203011_C001 CCCG Backscatter Quality PLRM, CCCG Backscatter Quality Flags have been set for one or more records. The OCCCR Alimeter Range Quality PLRM, CCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T214025_20191214T214026_C001 CCCG Backscatter Quality PLRM, CCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T21407_20191214T21528_C001 CCCG Backscatter Quality PLRM, CCCG Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T22364_20191214T225128_C001 CCCG Alimeter Range ALIMANCGG Alimeter Range ALIMANCGG Alimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T23364_20191214T23364_2001 CCCG Alimeter Range ALIMANCGG Alimeter Range ALIMANCGG Alimeter Range ALIMANCGGG Alimeter Range Cuality FLRM, CCCG Backscatter Quality	CS_OFFL_SIR_GOPN_2_20191214T183135_20191214T183240_C001		
CS_OFFL_SIR_GOPN_2_20191214113339001912141133390019 OCCOR Backscatter Quality Flags more records. CS_OFFL_SIR_GOPN_2_201912141133931_01912141194058_C001 Occord Altimeter Range, SSNA, SWH and Backscatter Quality Flags have been performed and Backscatter Quality Flags have been perfo	CS_OFFL_SIR_GOPN_2_20191214T183911_20191214T183955_C001		
GS_OFFL_SIR_GOPN_2_20191214T193931_20191214T194058_C001 Additional Range And Backscatter Quality Flags Ind Usdam Aumeter Range and Backscatter Quality Flags GS_OFFL_SIR_GOPN_2_20191214T202906_20191214T2030011_C001 OCGG Altimeter Range Quality PLRM, CCG Backscatter Quality The OCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T202906_20191214T214209_C001 OCGG Altimeter Range Quality PLRM, CCG Backscatter Quality The OCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T214205_20191214T214209_C001 OCGG Altimeter Range Quality PLRM, CCG Backscatter Quality The OCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T21407_20191214T215034_C001 OCGG Altimeter Range Quality PLRM, OCGG Backscatter Quality The OCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_C001 OCGG Altimeter Range Quality PLRM, OCGG Backscatter Quality The OCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T23364_20191214T233640_C001 OCGG Altimeter Range Quality PLRM, CCGG Backscatter Quality The OCGG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T233647_C0011 OCGG Altimeter Range SHA, SWH and Backscatter Quality Flags The OCGG Range and Backscatter Quality Flags have been set for one	CS_OFFL_SIR_GOPN_2_20191214T193107_20191214T193339_C001		
CS_OFFL_SIR_GOPN_2_20191214120308_201912141203011_C001 OCCG Backscatter Quality Innore records. CS_OFFL_SIR_GOPN_2_201912147214025_201912147214209_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_201912147215407_201912147215534_C001 OCCG Altimeter Range, SMA, SVH OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_201912147224717_201912147225128_C001 OCCG Altimeter Range, SMA, SVH and Backscatter Quality PLRM, OCCG Backscatter Quality PLRM, PLRM The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214723364_201912147233540_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_201912147233641_201912147233640_C001 OCCG Altimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_201912147003125_201912147003487_C001 OCCG Altimeter Range, SMA, SVH Market Range and Backscatter Quality PLRM, OCCG Altimeter Range and Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_201912147004105_201912147004151_C001 OCCG Altimeter Range, SMA, SVH Market Range and Backscatter Quality PLRM,	CS_OFFL_SIR_GOPN_2_20191214T193931_20191214T194058_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_2019121412150407_201912141215534_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_201912141225407_201912141215534_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_2019121412234717_201912141225128_C001 Descn Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_201912141223454_201912141223540_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_201912141223454_201912141233540_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_201912141233641_201912141234023_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_2019121417003125_2019121417003847_C001 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_2019121417003125_2019121417004151_C001 OCCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_2019121417011506_2019121417011530_C001 OCCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20191214T202906_20191214T203011_C001		
CS_OFFL_SIR_GOPN_2_20191214121540/_201912141215354_C001 OCCG Backscatter Quality more records. CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_C001 Occan Attimeter Range, SSHA, SWH and Backscatter Quality The Ocean Attimeter Range and Backscatter Quality Flags and the OCOG Attimeter Range and Backscatter Quality CS_OFFL_SIR_GOPN_2_20191214T23364_20191214T233540_C001 OCCG Attimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T233640_C001 OCCG Attimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T234023_C001 OCCG Attimeter Range Quality PLRM, OCCG Backscatter Quality The OCCG Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T003125_20191214T003847_C001 OCCG Attimeter Range Quality PLRM, OCCG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T004105_20191214T004151_C001 OCCG Attimeter Range Quality PLRM, OCCG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T011506_20191214T011500_C001 Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCCG Attimeter Range and Backscatter Quality Flags have been set for one or more records. The OCEG Attimeter Range a	CS_OFFL_SIR_GOPN_2_20191214T214025_20191214T214209_C001		
CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T233540_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_20191214T233641_20191214T234023_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_20191214T003125_20191214T003847_C001 OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T004105_20191214T004151_C001 OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T011506_20191214T011503_C001 Ocoan Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range	CS_OFFL_SIR_GOPN_2_20191214T215407_20191214T215534_C001		
CS_OFFL_SIR_GOPN_2_20191214123344_201912141003847_C001 CCOG Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, CS_OFFL_SIR_GOPR_2_201912141004105_201912141004151_C001 CCOG Altimeter Range Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, CS_OFFL_SIR_GOPR_2_20191214T011506_20191214T011530_C001 Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, and Backscatter Quality PLRM, OCOG Attimeter Range, and Backscatter Quality PLRM, OCOG Attimeter Range, and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG	CS_OFFL_SIR_GOPN_2_20191214T224717_20191214T225128_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPN_2_201912141233041_201912141234023_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20191214T003125_20191214T003847_C001 Ocog Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH OCEAN Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T012638_20191214T013038_C001 Ocog Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM,	CS_OFFL_SIR_GOPN_2_20191214T233454_20191214T233540_C001		
CS_OFFL_SIR_GOPR_2_20191214T003125_20191214T003847_C001 and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM and Backscatter Quality PLRM and Backscatter Quality PLRM CS_OFFL_SIR_GOPR_2_20191214T004105_20191214T004151_C001 OCOG Attimeter Range Quality PLRM, OCOG Backscatter Quality The OCGa Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T011506_20191214T011530_C001 Occean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags have been set for one or more records. The OCean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T012638_20191214T013038_C001 Occean Attimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality Flags and the OCOG Attimeter Range and Backscatter Quality Flags and the OCOG Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Attimeter Range and Backscatter Quality Flags and the OCOG	CS_OFFL_SIR_GOPN_2_20191214T233641_20191214T234023_C001		
CS_OFFL_SIR_GOPR_2_20191214T004403_20191214T004431_C001 OCOG Backscatter Quality more records. CS_OFFL_SIR_GOPR_2_20191214T011506_20191214T011530_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality PLRM. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags 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 have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T012638_20191214T013038_C001 OCOG Altimeter Range Quality PLRM, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPR_2_20191214T014611_20191214T014819_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20191214T003125_20191214T003847_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_20191214T011506_20191214T011530_C001 and Backscatter Quality PLRM, OCOG In the Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH 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_20191214T014611_20191214T014819_C001 OCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_GOPR_2_20191214T004105_20191214T004151_C001		
CS_OFFL_SIR_GOPR_2_20191214T012638_20191214T013038_C001 and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM, OCOG Range and Backscatter Quality Flags have been oCOG Altimeter Range Quality PLRM, The OCOG Range and Backscatter Quality Flags have been set for one or	CS_OFFL_SIR_GOPR_2_20191214T011506_20191214T011530_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_20191214T012638_20191214T013038_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_20191214T014611_20191214T014819_C001		

CS_OFFL_SIR_GOPR_2_20191214T021039_20191214T021751_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_20191214T031123_20191214T031431_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_20191214T034154_20191214T034411_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_20191214T034422_20191214T034505_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_20191214T034922_20191214T035617_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_20191214T041010_20191214T041451_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_20191214T052744_20191214T053621_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_20191214T054224_20191214T054253_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_20191214T061232_20191214T061333_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_20191214T062457_20191214T062713_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_20191214T070437_20191214T071217_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_20191214T080401_20191214T080730_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_20191214T084410_20191214T085031_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_20191214T085031_20191214T085317_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_20191214T090438_20191214T090514_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_20191214T092936_20191214T093248_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_20191214T094243_20191214T094609_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_20191214T102231_20191214T102930_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_20191214T103614_20191214T103924_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_20191214T110849_20191214T111231_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_20191214T120155_20191214T120329_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_20191214T120337_20191214T120827_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_20191214T121012_20191214T121136_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_20191214T124612_20191214T125311_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_20191214T131047_20191214T131127_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_20191214T133618_20191214T133641_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_20191214T134134_20191214T134711_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_20191214T141045_20191214T141258_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_20191214T152151_20191214T152245_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_20191214T154016_20191214T154146_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_20191214T164555_20191214T164647_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_0FFL_SIR_GOPR_2_20191214T170013_20191214T170702_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_20191214T174759_20191214T175011_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_20191214T180115_20191214T180242_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_20191214T184205_20191214T184729_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_20191214T192557_20191214T192944_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_20191214T200829_20191214T200909_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_20191214T201524_20191214T201728_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_20191214T202113_20191214T202906_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_20191214T203011_20191214T203032_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_20191214T210554_20191214T210932_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_20191214T214716_20191214T215030_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_20191214T215231_20191214T215407_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_20191214T215920_20191214T220849_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_20191214T220900_20191214T220939_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_20191214T224514_20191214T224716_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_20191214T225827_20191214T230154_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_20191214T231209_20191214T231356_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_20191214T234041_20191214T234824_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_20191214T234915_20191214T235110_C001	OCOG Altimeter Range Quality PLRM, OCOG Backscatter Quality	The OCOG Range and Backscatter Quality Flags have been set for one or more records.
12 Quality Flags (1 Hz & 1Hz DI DM)		•

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

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> 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.

L2 Retracking Flags (20Hz, PLRM)

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

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

Number of products with errors:

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

0

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

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

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

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

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Product	Test Failed	Description
CS_OFFL_SIR_GOP_220191213T234323_20191214T003301_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220191214T003301_20191214T012236_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T012236_20191214T021215_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T021215_20191214T030150_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T030150_20191214T035129_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T035129_20191214T044104_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T044104_20191214T053042_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T053042_20191214T062017_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T062017_20191214T070956_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T070956_20191214T075931_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T075931_20191214T084909_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T084909_20191214T093845_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T093845_20191214T102823_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T102823_20191214T111758_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T111758_20191214T120736_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T120736_20191214T125712_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T125712_20191214T134650_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T134650_20191214T143625_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_220191214T143625_20191214T152604_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T152604_20191214T161539_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T161539_20191214T170517_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T170517_20191214T175453_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T175453_20191214T184431_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T184431_20191214T193406_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_220191214T193406_20191214T202344_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T202344_20191214T211320_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T211320_20191214T220258_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOP_2_20191214T220258_20191214T225233_C001	Mean Sea Surface (1), Mean Dynamic Topography (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_220191214T225233_20191214T234211_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_220191214T234211_20191215T003147_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
6.5 P2P Measurement Confidence Data Check		

CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. 0

Number of products with errors.		
6.6 P2P Measurement Quality	Flag Check	
P2P Quality Flags (20Hz)		
CryoSat P2P data includes Quality Flags for	each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.	
Since the P2P Quality Flags are copied directly	rectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.	
Number of products with errors:	30	
P2P Quality Flags (20Hz PLRM)		
Since the P2P Quality Flags are copied directly	rectly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.	
Number of products with errors:	30	
P2P Quality Flags (1 Hz & 1Hz PL	RM)	
Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.		
Number of products with errors:	30	
6.8 P2P Ocean Retracking Qua	ality Check	
P2P Retracking Flags (20Hz)		
Cryosat P2P data includes an ocean retracking	ng quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.	
Ocean Retracking Quality Flag (PLRM): Th	is flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.	
Number of products with errors:	27	
P2P Retracking Flags PLRM		
CryoSat L2 data includes an ocean retracking	g 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): Th	nis flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.	

Number of products with errors:

30