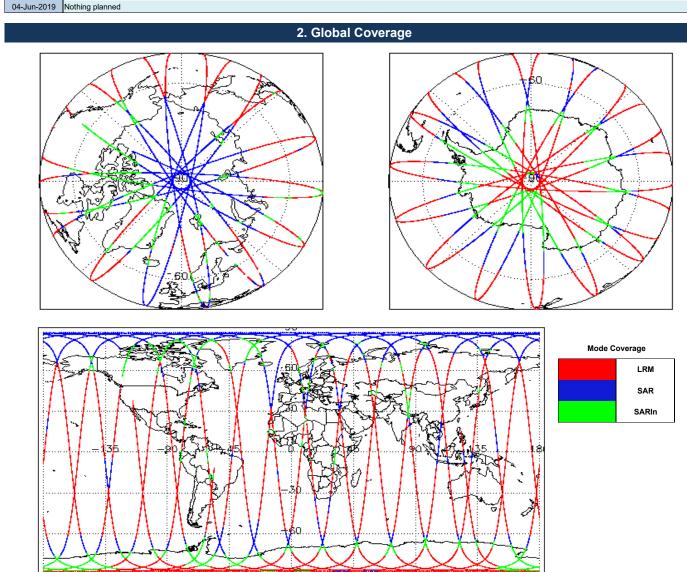


IDEAS+ Daily Report for GOP data:

03/06/2019

neut Dreduction.	40.1.1.0040	Check	L1 & L2	P2P
port Production:	10-Jul-2019	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:		Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Dete Heads	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	Nominal
Data Used:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
		Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
		Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
		Ocean Retracking Quality Check	See Section 5.7	See Section 6.7

wission / matument wews				
02-Jun-2019	None			
03-Jun-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

4.2 L1B Product Header Analysis				
For all products, a series of pre-defined checks are performed on the MPH and	SPH in order to identify any inco	onsistencies and/or errors raised by the ground-segment processing chain.		
1B Processing Quality HR: The I1b_proc_flag_hr flag is currently set all L1E DSARIn chains. A modification is required in the next release.	3 GOPR and GOPN products bec	ause the l1b_processing_quality_hr field is not correctly configured in the OSAR and		
lumber of products with errors: 0				
1.3 L1B Auxilary Data File Usage Check				
ach product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.				
lumber of products with errors: 0				
4.4 L1B Auxiliary Correction Error Check				
ryoSat L1B data includes a correction error flag for each measurement record	d. The bit value of this flag indicat	es any problems when set.		
lumber of products with errors: 0				
4.5 L1B Measurement Confidence Data Check				
TyoSat L1B data includes a measurement confidence flag for each measurem	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 produ				
lumber of products with errors: 0	-			
4.6 L1B Waveform Group Data Check				
CryoSat L1B data includes a waveform data flag for each measurement record	The bit value of this flag indicat	ee anv nrohleme when set		
	-	es any problems when set.		
oss of Echo Flag: This flag is currently set for some products over land, but	this is to be expected.			
lumber of products with errors: 27				
roduct	Test Failed	Description		
S_OFFL_SIR_GOPM1B_20190603T000220_20190603T001327_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPM1B_20190603T111213_20190603T111832_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T001402_20190603T001946_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T011624_20190603T011853_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T025219_20190603T025705_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T060532_20190603T060626_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T061600_20190603T061715_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T092149_20190603T092554_C001	Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T105815_20190603T105931_C001	Loss of Echo			
S_OFFL_SIR_GOPN1B_20190603T110356_20190603T110449_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		
S_OFFL_SIR_GOPN1B_20190603T123808_20190603T124103_C001	Loss of Echo			
	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001		The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_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		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_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		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T073339_20190603T073535_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 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		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T182550_20190603T192617_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T073339_20190603T073535_C001 S_OFFL_SIR_GOPR1B_20190603T120513_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 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		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T073339_20190603T073535_C001 S_OFFL_SIR_GOPR1B_20190603T120022_20190603T120513_C001 S_OFFL_SIR_GOPR1B_20190603T124104_20190603T124151_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		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_C001 S_OFFL_SIR_GOPN1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T073339_20190603T073535_C001 S_OFFL_SIR_GOPR1B_20190603T120022_20190603T120513_C001 S_OFFL_SIR_GOPR1B_20190603T124104_20190603T124151_C001 S_OFFL_SIR_GOPR1B_20190603T124104_20190603T124151_C001	Loss of EchoLoss 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		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T182550_20190603T192617_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T073535_C001 S_OFFL_SIR_GOPR1B_20190603T120022_20190603T120513_C001 S_OFFL_SIR_GOPR1B_20190603T124104_20190603T124151_C001 S_OFFL_SIR_GOPR1B_20190603T130436_20190603T131323_C001 S_OFFL_SIR_GOPR1B_20190603T130436_20190603T142742_C001	Loss of EchoLoss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
S_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 S_OFFL_SIR_GOPN1B_20190603T183411_20190603T192617_C001 S_OFFL_SIR_GOPN1B_20190603T0192550_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 S_OFFL_SIR_GOPR1B_20190603T042454_20190603T042703_C001 S_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 S_OFFL_SIR_GOPR1B_20190603T073339_20190603T073535_C001 S_OFFL_SIR_GOPR1B_20190603T120022_20190603T120513_C001 S_OFFL_SIR_GOPR1B_20190603T124104_20190603T124151_C001 S_OFFL_SIR_GOPR1B_20190603T142436_20190603T131323_C001 S_OFFL_SIR_GOPR1B_20190603T142227_20190603T142742_C001 S_OFFL_SIR_GOPR1B_20190603T1422815_20190603T142930_C001	 Loss of Echo 	The tracking echo is missing for one or more records		
SS_OFFL_SIR_GOPN1B_20190603T123808_20190603T124103_C001 SS_OFFL_SIR_GOPN1B_20190603T133659_20190603T134131_C001 SS_OFFL_SIR_GOPN1B_20190603T183411_20190603T183730_C001 SS_OFFL_SIR_GOPN1B_20190603T192550_20190603T192617_C001 SS_OFFL_SIR_GOPN1B_20190603T019250_20190603T0192617_C001 SS_OFFL_SIR_GOPR1B_20190603T010947_20190603T011306_C001 SS_OFFL_SIR_GOPR1B_20190603T010947_20190603T042703_C001 SS_OFFL_SIR_GOPR1B_20190603T060627_20190603T061416_C001 SS_OFFL_SIR_GOPR1B_20190603T073339_20190603T073535_C001 SS_OFFL_SIR_GOPR1B_20190603T12404_20190603T1240513_C001 SS_OFFL_SIR_GOPR1B_20190603T124104_20190603T124151_C001 SS_OFFL_SIR_GOPR1B_20190603T130436_20190603T131323_C001 SS_OFFL_SIR_GOPR1B_20190603T142272_0190603T142742_C001 SS_OFFL_SIR_GOPR1B_20190603T142815_20190603T142742_C001 SS_OFFL_SIR_GOPR1B_20190603T142815_20190603T142930_C001 SS_OFFL_SIR_GOPR1B_20190603T160023_20190603T160810_C001 SS_OFFL_SIR_GOPR1B_20190603T160023_20190603T160810_C001	Loss of EchoLoss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for		

5. GOP Level 2 Data Quality Check

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

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

5.2 L2 Product Header Analysis

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

Loss of Echo

Loss of Echo

5.3 L2 Auxiliary Data File Usage Check

CS_OFFL_SIR_GOPR1B_20190603T192947_20190603T193251_C001

CS_OFFL_SIR_GOPR1B_20190603T205540_20190603T210259_C001

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

Number of products with errors:

0

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.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190603T000220_20190603T001327_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 heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPM_2_20190603T024340_20190603T024441_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_GOPM_2_20190603T113326_20190603T114816_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20190603T154740_20190603T154920_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20190603T174815_20190603T175355_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPM_2_20190603T175917_20190603T180730_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 heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T001402_20190603T001946_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T010808_20190603T010858_C001	Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the Mean Dynamic Topography (solution 1) and the Total Geocentric Ocean Tide (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T011307_20190603T011516_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T013601_20190603T013753_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_20190603T015552_20190603T015730_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_20190603T020617_20190603T020826_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_20190603T025219_20190603T025705_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T043248_20190603T043912_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_20190603T051502_20190603T051855_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (ES), Non-Equilibrium Long Period	Inere is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Tota Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20190603T060532_20190603T060626_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_20190603T065449_20190603T065802_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T073926_20190603T074039_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_20190603T083222_20190603T083639_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T084218_20190603T084341_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T092149_20190603T092554_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 heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T102000_20190603T102145_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_20190603T110356_20190603T110449_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T114916_20190603T115058_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_20190603T115800_20190603T120021_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T123808_20190603T124103_C001	Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOPN_2_20190603T124152_20190603T124403_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 heigh (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20190603T132809_20190603T133014_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records

 Landpeign (1) Landpeign (2) Landpeig			
Description Engraphy () Engraphy () Engraphy () CDUPUSED September / Se	CS_OFFL_SIR_GOPN_2_20190603T133659_20190603T134131_C001		
Colume Colume Colume Columna Co	CS_OFFL_SIR_GOPN_2_20190603T141835_20190603T142226_C001		
Cold, Dirik, Cold Machanization Transparity (inf. Transparity (i	CS_OFFL_SIR_GOPN_2_20190603T142742_20190603T142815_C001	Mean Dynamic Topography (1)	
Bits_Bits_Bits_Bits_Bits_Bits_Bits_Bits_	CS_OFFL_SIR_GOPN_2_20190603T150823_20190603T151056_C001		
CS UTL_SIX_COMP_2_D10003110015_0100000110001_00000_00000 INSUE 100000011000000 INSUE 1000000110000000000000000000000000000	CS_OFFL_SIR_GOPN_2_20190603T151816_20190603T151959_C001		
Corp. Part. Self. Corm. 2, 20190833116217 (2017) Name in System: In System: 1990 (491). (1) or rest records CS, DPFL, Self. Corm. 2, 2019083311631411, 201908331163200, 2010 Mem See Safetee (1), Mem Dynamic These is an ease with the MSS height (caldiden 1) for one a more exceeds CS, DPFL, Self, Corm. 2, 2019083311631101307, 201008331168207, 2001 Mem See Safetee (1), Mem Dynamic These is an ease with the MSS height (caldiden 1) for one a more exceeds CS, DPFL, Self, Corm. 2, 20190831110101307, 201008331168010, 2001 Mem See Safetee (1), Mem Dynamic These is an ease with the MSS height (caldiden 1) for one a more exceeds CS, DPFL, Self, Corm. 2, 20190831311610107, 201008331116010, 2001 Mem See Safetee (1), Mem Dynamic These is an ease with the MSS height (caldiden 1) for one a more exceeds CS, DPFL, Self, Corm. 2, 2019083131116100, 20100831111600, 20100831111600, 20100831111600, 20100831111600, 20100831110000, 2010083111000, 201	CS_OFFL_SIR_GOPN_2_20190603T165715_20190603T165851_C001	Mean Dynamic Topography (1)	
CS, DFFL, SRL, OUPL, Z. 201900037120070, 2001 Impgraphy (1) Tapprophy (1) Tapprophy (1) CS, DFFL, SRL, OUPL, Z. 201900037120070, 2001 Meen Bos Startice (1), Near Dynamic Tapprophy (1) The is an encr with the SSD beaching (1), Near Dynamic Tapprophy (CS_OFFL_SIR_GOPN_2_20190603T182721_20190603T182837_C001	Mean Dynamic Topography (1)	
Bits_Bits_Bits_Bits_Bits_Bits_Bits_Bits_	CS_OFFL_SIR_GOPN_2_20190603T183411_20190603T183730_C001		
CBOPE_LSR_GOPE_201000017101016_00101110_00101 Topography (1) Topic location control topic location contrente locatitic location control topic location control	CS_OFFL_SIR_GOPN_2_20190603T200638_20190603T200757_C001		
Science (Sample) Topography (1) Topography (1) Topography (1) Topography (1) CS, OFFL, SR, OOPK, 2, 20100003121529, 201000031215242, 201000031221524, 201000031221524, 201000031220424, 201000031220424, 201000031220424, 201000031720424, 201000031720424, 201000031720424, 201000031720424, 201000031720424, 2010000317010047, 2010000310010047, 2010000310010047, 2010000310010047, 2010000310010047, 2010000310010047, 2010000310010047, 2010000310010047, 2010000310010047, 2010000310010047, 20100003100100037, 20100003100537, 20100003100537, 20100003100557162, 001 Mean Sea Sufface (1), Mean Dynamic Topography (1) There is an error with the MSS height (collution 1) or one or more records CS, OFFL, SIR, OOPR, 2, 201000031002637, 2010000310055716, 0001 Mean Sea Sufface (1), Mean Dynamic Topography (1) There is an error with the MSS height (collution 1) or one or more records CS, OFFL, SIR, OOPR, 2, 201000031002637, 2010000310055712, 20100 Mean Dynamic Topography (1) There is an error with the MSS height (collution 1) or one or more records CS, OFFL, SIR, OOPR, 2, 201000031002577, 201000571055716, 0001 Mean Sea Sufface (1), Mean Dynamic Topography (1)	CS_OFFL_SIR_GOPN_2_20190603T201307_20190603T201618_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	height (solution 1) and tidal corrections for one or more records
Start Tappagraphy (1) Tappagraphy (1) Tappagraphy (1) Tappagraphy (1) CS, OFFL,SIR,GOPK,2,201000037224259,201000037224745,001 Man Bea Sufface (1), Men Dynamic Tappagraphy (1) Tree is an error with the MSS height (solution 1) and the Mean Dynamic CS, OFFL,SIR,GOPR,2,201000037224242,201000037222917,001 Mean Sea Sufface (1), Men Dynamic Toppagraphy (1) Tree is an error with the MSS height (solution 1) and the Mean Dynamic CS, OFFL,SIR,GOPR,2,201000037024512,201000037024512,001 Mean Sea Sufface (1), Men Dynamic Toppagraphy (1) Tree is an error with the MSS height (solution 1) and the Mean Dynamic CS, OFFL,SIR,GOPR,2,201000037024513,201900037025519,001 Mean Sea Sufface (1), Men Dynamic Toppagraphy (1) Tree is an error with the MSS height (solution 1) and the Mean Dynamic CS, OFFL,SIR,GOPR,2,201000037045710,201000037045219,0001 Mean Sea Sufface (1), Mean Dynamic Toppagraphy (1) Tree is an error with the MSS height (solution 1) and the Mean Dynamic CS, OFFL,SIR,GOPR,2,201000037045710,201000037055715,0001 Mean Dynamic Topography (1) Tree is an error with the MSS height (solution 1) and the Mean Dynamic CS, OFFL,SIR,GOPR,2,201000037073746,201000037073762,0001 Mean Dynamic Topography (1) Tree is an error with the MSS height (solution 1) and the Mean Dynamic CS, OFFL,SIR,GOPR,2,201000037073746,201000037073746,20100037073762,0001	CS_OFFL_SIR_GOPN_2_20190603T214732_20190603T215010_C001		
Contruction Topography (n) Topography (n) Topography (n) CS_OFFL_SIR_GOPR_2_20190603723264_201906037232917_C001 Mean Sea Surface (1), Mean Dynamic There is an enror with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201906037010647_201906037010647_C001 Mean Sea Surface (1), Mean Dynamic There is an enror with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201906037010647_201906037010647_0019000 Mean Sea Surface (1), Mean Dynamic There is an enror with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201906037026219_201906037025219_C001 Mean Sea Surface (1), Mean Dynamic There is an enror with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201906037062719_201906037063742_2010003706427_0010003706427_0019003706427_0019003706427_0019003706427_0019003706427_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_0019003707345_00190037073502_C001 Mean Sea Surface (1), Mean Dynamic There is an enror with the MSS height (colution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190003707754_07190003707345_0019003707352_C001 Mean Sea Surface (1), Mean Dynamic Topography height (colution 1) and the Mean Dynamic Topography height (colution 1) for one or none records CS_OFFL_SIR_GOPR_2_201900037107455_001900037177540_0190037177540	CS_OFFL_SIR_GOPN_2_20190603T215210_20190603T215742_C001		
Str. Str. Str. Str. Str. Str. Str. Str.	CS_OFFL_SIR_GOPN_2_20190603T224259_20190603T224745_C001		
St. DFL_SR_COPR_2_20100031010032_010003101047_0001 Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_2010003010047_20100003101241_201000031025218_C0011 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_201000031024518_20100003T025218_C0011 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20100003T05637_20100003T05537_20100003T055715_C0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (2) (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20100003T05637_20100003T056427_20100003T055715_C0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (3) (1) for one or more records CS_OFFL_SIR_GOPR_2_20100003T056427_20100003T05416_C0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) or one or more records CS_OFFL_SIR_GOPR_2_20100003T05426_C0011 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (2) (1) CS_OFFL_SIR_GOPR_2_20100003T05426_C0011 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS	CS_OFFL_SIR_GOPN_2_20190603T232642_20190603T232917_C001		
CS_DFL_SIR_GOPR_2_20190003101004/_20190003101306_C001 Topography (1) Topography (1) Topography (1) CS_OFFL_SIR_GOPR_2_201900031024716_20190003103247_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900031042716_201900031043247_C001 Mean Dynamic There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900031042716_201900031043247_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_2019000310737462_201900031073025_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_2019000310737462_201900031073025_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_201900031074435_201900031073025_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201900031104406_20190003111030_C001 Mean Sea Surface (1), Mean Dynamic 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_20190603T010859_20190603T010947_C001		
CS_OFFL_SIR_GOPR_2_201900031024513_2019000311025219_0001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900031042716_201900031055715_0001 Mean Sea Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) or one or more records CS_OFFL_SIR_GOPR_2_201900031005537_201900031055715_0001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900031006627_201900031061416_0001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900031073748_201900031073550_0001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900031074435_201900031075502_0001 Mean Sas Surface (1), Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_201900031074435_20190003105348_0001 Mean Sas Surface (1), Mean Dynamic Topography height (solution 1) or one or more records CS_OFFL_SIR_GOPR_2_201900031104506_20190603111030_0001 Mean Sas Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201906031104200_0106031142210_0001 Mean Sas Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201906031162400	CS_OFFL_SIR_GOPR_2_20190603T010947_20190603T011306_C001		
CS_DFFL_SIR_GOPR_2_20190603T065537_00190603T065715_C001 Mean Dynamic Topography (1) Topography (2) There is an error with the Mean Dynamic Topography (2) CS_OFFL_SIR_GOPR_2_20190603T065637_00190603T065115_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T065627_20190603T061416_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T073746_20190603T073525_C001 Mean Dynamic Topography (1) There is an error with the Mean Dynamic Topography (solution 1) or one or more records CS_OFFL_SIR_GOPR_2_20190603T07346_20190603T073582_C001 Mean Sea Surface (1), Mean Dynamic Topography (a) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20190603T073542_D0190603T073348_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T110450_20190603T1125101_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T142242_0190603T142242_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T142242_0190603T142742_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Top	CS_OFFL_SIR_GOPR_2_20190603T024513_20190603T025219_C001		5 ()
CS_OFFL_SIR_GOPR_2_20190603T063037_20190603T050527_20190603T061416_C001 Mean Sea Surface (1), Mean Dynamic Topography (1) or more records CS_OFFL_SIR_GOPR_2_20190603T073746_20190603T073925_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_20190603T073746_20190603T073925_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_20190603T0725502_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T160023_20190603T160010_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) fo	CS_OFFL_SIR_GOPR_2_20190603T042716_20190603T043247_C001		
CS_OFFL_SIR_GOPR_2_20190003100062/_20190003707326_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900037073746_201900037073265_C001 Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900037074435_201900037073562_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_201900037092554_201900037093348_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201900037110450_201900037111030_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_201900037112404_2019000371125101_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_2019000371142227_2019000371142742_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_2019000371160023_2019000371142742_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_2019000371160023_2019000371142565_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_2019000371176550_2010 Me	CS_OFFL_SIR_GOPR_2_20190603T055537_20190603T055715_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_GOPR_2_2019060310/3/46_2019060310/3925_C001 Mean Dynamic Opography (1) or more records CS_OFFL_SIR_GOPR_2_20190603T074435_20190603T075502_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_20190603T092554_20190603T111030_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_20190603T110450_20190603T111030_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_20190603T14204_20190603T142742_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T16023_20190603T142742_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T1760810_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T176023_20190603T175707_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) on the Mean Dynamic Topography (1) There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) CS_OFFL_SIR_GOPR_2_20190603T175501_20	CS_OFFL_SIR_GOPR_2_20190603T060627_20190603T061416_C001		
CS_OFFL_SIR_GOPR_2_20190603T092554_20190603T093348_C001Topography (1)Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T092554_20190603T093348_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T110450_20190603T1111030_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOPR_2_20190603T124004_20190603T125101_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T142272_0190603T142742_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T142232_0190603T142742_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T173523_20190603T174555_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T19550_C003T195400_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T19556_20190603T192400_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (soluti	CS_OFFL_SIR_GOPR_2_20190603T073746_20190603T073925_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_GOPR_2_20190603T10450_20190603T11030_C001Topography (1)Topography leight (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T110450_20190603T11030_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography leight (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T124404_20190603T125101_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography leight (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T142227_20190603T142742_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T160023_20190603T160810_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T173823_20190603T174555_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOPR_2_20190603T175510_20190603T175707_C001Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192400_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface	CS_OFFL_SIR_GOPR_2_20190603T074435_20190603T075502_C001		5 ()
CS_OFFL_SIR_GOPR_2_20190603T124404_20190603T125101_C001Topography (1)Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T124404_20190603T125101_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T142227_20190603T142742_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T160023_20190603T160810_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T173823_20190603T174555_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T175510_20190603T175707_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography (1)CS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T19259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for on	CS_OFFL_SIR_GOPR_2_20190603T092554_20190603T093348_C001		
CS_OFFL_SIR_GOPR_2_20190603T124404_20190603T125101_C001Topography (1)Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T142227_20190603T142742_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T160023_20190603T160810_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T173823_20190603T174555_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T175510_20190603T1755707_C001Mean Dynamic Topography (1)There is an error with the Mean Dynamic Topography (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T2102540_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFF	CS_OFFL_SIR_GOPR_2_20190603T110450_20190603T111030_C001		
CS_OFFL_SIR_GOPR_2_20190603T14224_20190603T142742_C001Topography (1)Topography (1)Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T160023_20190603T1600810_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T173823_20190603T174555_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T175510_20190603T175707_C001Mean Dynamic Topography (1)There is an error with the Mean Dynamic Topography (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_201	CS_OFFL_SIR_GOPR_2_20190603T124404_20190603T125101_C001		
CS_OFFL_SIR_GOPR_2_20190603T173823_20190603T174555_C001Topography (1)Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T173823_20190603T174555_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T175510_20190603T175707_C001Mean Dynamic Topography (1)There is an error with the Mean Dynamic Topography (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T19250_20190603T192521_C001Mean Sea Surface (1), Mean Dynamic Topography (1)There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean Dynamic <td>CS_OFFL_SIR_GOPR_2_20190603T142227_20190603T142742_C001</td> <td></td> <td></td>	CS_OFFL_SIR_GOPR_2_20190603T142227_20190603T142742_C001		
CS_OFFL_SIR_GOPR_2_20190603T175510_20190603T175707_C001Mean Dynamic Topography (1)Topography height (solution 1) for one or more recordsCS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T210259_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T210259_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean DynamicCS_OFFL_SIR_GOPR_2_20190603T210259_C001Mean Sea Surface (1), Mean DynamicThere is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20190603T160023_20190603T160810_C001		
CS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001 Mean Dynamic Topography (1) or more records CS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20190603T173823_20190603T174555_C001		
CS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic Topography height (solution 1) for one or more records	CS_OFFL_SIR_GOPR_2_20190603T175510_20190603T175707_C001	Mean Dynamic Topography (1)	
CS_OFFL_SIR_GOPR_2_201906031192400_20190603119251_C001 Topography (1) Topography height (solution 1) for one or more records CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic CS_OFFL_SIR_GOPR_2_20190603T210259_C001 Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20190603T191556_20190603T192400_C001		
CS_OFFL_SIR_GOPR_2_201906031202540_201906031210259_C001 Topography (1) Topography height (solution 1) for one or more records Mean Sea Surface (1), Mean Dynamic There is an error with the MSS height (solution 1) and the Mean Dynamic	CS_OFFL_SIR_GOPR_2_20190603T192400_20190603T192521_C001		
CS OFFL SIR GOPR 2 201906031210259 201906031210607 C001	CS_OFFL_SIR_GOPR_2_20190603T205540_20190603T210259_C001		
	CS_OFFL_SIR_GOPR_2_20190603T210259_20190603T210607_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_20190603T223732_20190603T224151_C001	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography 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:

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.

0

87

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190603T000220_20190603T001327_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_20190603T001946_20190603T002212_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_20190603T002241_20190603T002704_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_20190603T002953_20190603T004348_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_20190603T004528_20190603T010014_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_20190603T012217_20190603T012926_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_20190603T013050_20190603T013600_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_20190603T013754_20190603T015406_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_20190603T015730_20190603T020617_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_20190603T020912_20190603T023054_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_20190603T025705_20190603T025805_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_20190603T025927_20190603T033315_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_20190603T033940_20190603T034408_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_20190603T034835_20190603T041239_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_20190603T044129_20190603T045555_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_20190603T050132_20190603T051147_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_20190603T051856_20190603T052446_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_20190603T052712_20190603T054106_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_20190603T054745_20190603T055253_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_20190603T055815_20190603T055833_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_20190603T060351_20190603T060500_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_20190603T061715_20190603T065056_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_20190603T065802_20190603T070317_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_20190603T071000_20190603T071255_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_20190603T074039_20190603T074435_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_20190603T075502_20190603T080603_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_20190603T080850_20190603T083005_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190603T083810_20190603T084218_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_20190603T084637_20190603T085725_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190603T085913_20190603T090630_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_20190603T090715_20190603T091146_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190603T093348_20190603T100903_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_20190603T101138_20190603T101701_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_20190603T102803_20190603T104033_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_20190603T104044_20190603T105805_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_20190603T105932_20190603T110356_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_20190603T111926_20190603T113121_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_20190603T113326_20190603T114816_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_20190603T115058_20190603T115558_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_20190603T120513_20190603T121540_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_20190603T122158_20190603T123405_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_20190603T131323_20190603T132720_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_20190603T133014_20190603T133509_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_20190603T134304_20190603T141536_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_20190603T144322_20190603T150606_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_20190603T151056_20190603T151425_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_20190603T151433_20190603T151442_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_20190603T151448_20190603T151816_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_20190603T152130_20190603T154736_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_20190603T154740_20190603T154920_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_20190603T162030_20190603T162052_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_20190603T162055_20190603T164612_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_20190603T164839_20190603T165339_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_20190603T170113_20190603T171150_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_20190603T171727_20190603T173504_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_20190603T174815_20190603T175355_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_20190603T182026_20190603T182505_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_20190603T182837_20190603T183411_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_20190603T184104_20190603T191556_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_20190603T192659_20190603T192819_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_20190603T193824_20190603T194013_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_20190603T194640_20190603T200339_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_20190603T200758_20190603T201306_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_20190603T201934_20190603T205539_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_20190603T210655_20190603T210726_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_20190603T212258_20190603T214037_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_20190603T215011_20190603T215209_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_20190603T215941_20190603T221630_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_20190603T222111_20190603T223539_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_20190603T224820_20190603T230557_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_20190603T230724_20190603T232123_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_20190603T232918_20190603T233119_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_20190603T233225_20190603T233621_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_20190603T233829_20190603T235339_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_20190603T235540_20190604T000503_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_20190603T042434_20190603T042453_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_20190603T072156_20190603T072219_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_20190603T151442_20190603T151448_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_20190603T173504_20190603T173634_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_20190603T212204_20190603T212258_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_20190603T042454_20190603T042703_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_20190603T051148_20190603T051502_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_20190603T055537_20190603T055715_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_20190603T065057_20190603T065448_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_20190603T132721_20190603T132808_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_20190603T142815_20190603T142930_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_20190603T210259_20190603T210607_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.

94

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20190603T000114_20190603T000220_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_20190603T001402_20190603T001946_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_20190603T011307_20190603T011516_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_20190603T011624_20190603T011853_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_20190603T012055_20190603T012217_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_20190603T013601_20190603T013753_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_20190603T023254_20190603T023601_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_20190603T023657_20190603T023827_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_20190603T025219_20190603T025705_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_20190603T025805_20190603T025926_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_20190603T033527_20190603T033653_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_20190603T034409_20190603T034631_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_20190603T043248_20190603T043912_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_20190603T051502_20190603T051855_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_20190603T060044_20190603T060058_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_20190603T060532_20190603T060626_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_20190603T061600_20190603T061715_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_20190603T065449_20190603T065802_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_20190603T073535_20190603T073627_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_20190603T073708_20190603T073734_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_20190603T073926_20190603T074039_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_20190603T083222_20190603T083639_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_20190603T092007_20190603T092054_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_20190603T092149_20190603T092554_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_20190603T101011_20190603T101138_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_20190603T122030_20190603T122158_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_20190603T123808_20190603T124103_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_20190603T124152_20190603T124403_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_20190603T133659_20190603T134131_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_20190603T141835_20190603T142226_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_20190603T143927_20190603T144247_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_20190603T150823_20190603T151056_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_20190603T151816_20190603T151959_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_20190603T161048_20190603T161157_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_20190603T161615_20190603T161717_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_20190603T165715_20190603T165851_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_20190603T173504_20190603T173634_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_20190603T180730_20190603T181104_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_20190603T183411_20190603T183730_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_20190603T192820_20190603T192935_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_20190603T193424_20190603T193503_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_20190603T200638_20190603T200757_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_20190603T201307_20190603T201618_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_20190603T215210_20190603T215742_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_20190603T224259_20190603T224745_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_20190603T010710_20190603T010807_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_20190603T010859_20190603T010947_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_20190603T010947_20190603T011306_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_20190603T015406_20190603T015551_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_20190603T023054_20190603T023132_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_20190603T024513_20190603T025219_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_20190603T042716_20190603T043247_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_20190603T051148_20190603T051502_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_20190603T060207_20190603T060237_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_20190603T060627_20190603T061416_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_20190603T061515_20190603T061600_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_20190603T065057_20190603T065448_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_20190603T070428_20190603T070645_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_20190603T071256_20190603T071426_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_20190603T074435_20190603T075502_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_20190603T083006_20190603T083222_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_20190603T084342_20190603T084637_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_20190603T092554_20190603T093348_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_20190603T102146_20190603T102803_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_20190603T110450_20190603T111030_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.

	OCOG Altimeter Range Quality PLRM,	The OCOG Range and Backscatter Quality Flags have been set for one or
CS_OFFL_SIR_GOPR_2_20190603T111119_20190603T111213_C001	OCOG Backscatter Quality	more records.
CS_OFFL_SIR_GOPR_2_20190603T113122_20190603T113325_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_20190603T115613_20190603T115618_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_20190603T120022_20190603T120513_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_20190603T121947_20190603T122029_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_20190603T123418_20190603T123459_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_20190603T123654_20190603T123808_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_20190603T124404_20190603T125101_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_20190603T130436_20190603T131323_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_20190603T141537_20190603T141736_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_20190603T142227_20190603T142742_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_20190603T142815_20190603T142930_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_20190603T144247_20190603T144322_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_20190603T160023_20190603T160810_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_20190603T160810_20190603T161042_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_20190603T165851_20190603T170113_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_20190603T173823_20190603T174555_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_20190603T183730_20190603T184104_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_20190603T191556_20190603T192400_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_20190603T192400_20190603T192521_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_20190603T193503_20190603T193823_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_20190603T201618_20190603T201934_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_20190603T205540_20190603T210259_C001	Ocean Altimeter Range, SSHA, SWH and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality PLRM	The Ocean Attimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190603T214038_20190603T214731_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_20190603T215743_20190603T215941_C001	Ocean Alumeter Range, SSIRA, SWI and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality BCBM Alumeter Range, SSIRA, SWIT	The Ocean Altimeter Range, SSHA, SWH 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_20190603T223732_20190603T224151_C001	and Backscatter Quality PLRM, OCOG Attimeter Range and Backscatter Quality PLRM Aumeter Range, SonA, Swn	The Ocean Altimeter Range, SSHA, SWH 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_20190603T224151_20190603T224259_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality ID RM	The Ocean Altimeter Range, SSHA, SWH 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_20190603T230557_20190603T230724_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_20190603T232124_20190603T232641_C001	and Backscatter Quality PLRM, OCOG Altimeter Range and Backscatter Quality DI DM	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.			
L2 Quality Flags (1 Hz & 1Hz PLRM)					
Currently, there are several common flags raised in the Level 2 products, whi	ich are summarised below.				
> 1Hz and 1Hz Ocean SSHA Quality Flags: These flags are currently set for proc	lucts over sea ice, which is to be expected.				
Number of products with errors: 188					
5.8 L2 Ocean Retracking Quality Check					
L2 Retracking Flags (20Hz)					
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measured	ment record. The bit value of this flag indica	ates any problems when set.			
Ocean Retracking Quality Flag: This flag is currently set for products over land a	nd sea ice, but this is to be expected. The r	number of products with this error flag set is given below.			
Number of products with errors: 69					
L2 Retracking Flags (20Hz, PLRM)					
CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz PLRM me					
Ocean Retracking Quality Flag (PLRM): This flag is currently set for products GC	OPR and GOPN products over sea ice, but	this is to be expected.			
Number of products with errors: 139					
	Pole-to-Pole Data Quality	/ Check			
6.1 P2P Product Format Check					
Each product, retrieved and unpacked from the science server, is checked to ensu	re it consists of both an XML header file (.H	IDR) and a NetCDF product file (.nc).			
Number of products with errors: 0					
6.2 P2P Product Header Analysis					
For all products, a spring of the defined shocks are performed on the MDH and SD	H in order to identify any inconsistension of	nd/or arrays raised by the ground accompany processing shein			
For all products, a series of pre-defined checks are performed on the MPH and SP Number of products with errors: 0	n in order to identify any inconsistencies an	and endisinalsed by the ground-segment processing chain.			
6.3 P2P Auxiliary Data File Usage Check					
Each product is checked for missing Data Set Descriptors with respect to a pre-det Number of products with errors: 0	Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 0				
6.4 P2P Auxiliary Correction Error Check					
· · · · · · · · · · · · · · · · · · ·					
For all products, the auxiliary corrections within the Geophysical Group are checke Currently, there are some common auxiliary correction errors raised in the Lu	, ,	to surface type. All common flags are summarised in the list below.			
followed by a table highlighting any additional issues which may arise from t	his 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 pro-					
> Altimetric Wind Speed Error: The error value is currently set for products over	land and sea ice, but this is to be expected				
Number of products with errors: 30					
Product	Test Failed	Description			
CS_OFFL_SIR_GOP_220190602T233203_20190603T002141_C002	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_220190603T002141_20190603T011117_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_220190603T011117_20190603T020055_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_220190603T020055_20190603T025030_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_220190603T025030_20190603T034008_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_220190603T034008_20190603T042944_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_220190603T042944_20190603T051922_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_220190603T051922_20190603T060858_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_220190603T060858_20190603T065836_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_220190603T065836_20190603T074811_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records			
CS_OFFL_SIR_GOP_2_20190603T074811_20190603T083749_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_220190603T083749_20190603T092725_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_220190603T092725_20190603T101703_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_220190603T101703_20190603T110638_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_220190603T110638_20190603T115616_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_220190603T115616_20190603T124552_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_220190603T124552_20190603T133530_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_220190603T133530_20190603T142505_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_220190603T142505_20190603T151443_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_220190603T151443_20190603T160419_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_220190603T160419_20190603T165357_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_220190603T165357_20190603T174332_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_220190603T174332_20190603T183311_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_220190603T183311_20190603T192246_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_220190603T192246_20190603T201224_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_220190603T201224_20190603T210200_C001	Mean Sea Surrace (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), 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_220190603T210200_20190603T215138_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_220190603T215138_20190603T224113_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_220190603T224113_20190603T233051_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

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.

Number of products with errors:	0	
6.6 P2P Measurement Quality Flag C	Check	
P2P Quality Flags (20Hz)		
CryoSat P2P data includes Quality Flags for each 20	Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.	
Since the P2P Quality Flags are copied directly from	om the L2 Quality Flags, please see Section 5.6 for the full list of products affected.	
Number of products with errors:	30	
P2P Quality Flags (20Hz PLRM)		
Since the P2P Quality Flags are copied directly from	om 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 PLRM)		
Since the P2P Quality Flags are copied directly from	om the L2 Quality Flags, please see Section 5.6 for the full list of products affected.	
Number of products with errors:	30	
6.8 P2P Ocean Retracking Quality C	heck	
P2P Retracking Flags (20Hz)		
Cryosat P2P data includes an ocean retracking qualit	y flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.	
Ocean Retracking Quality Flag (PLRM): This flag is currently set for products GOPR and GOPN products over sea ice, but this is to be expected.		
Number of products with errors:	29	
P2P Retracking Flags PLRM		
CryoSat L2 data includes an ocean retracking quality	flag for each 20-Hz PLRM measurement record. The bit value of this flag indicates any problems when set.	
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:	30	