

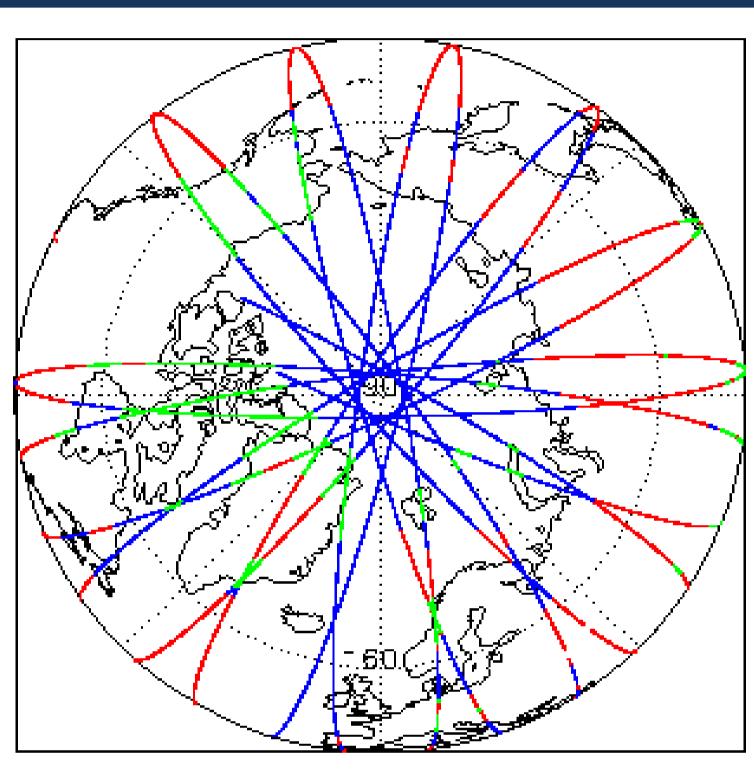
1. Overview

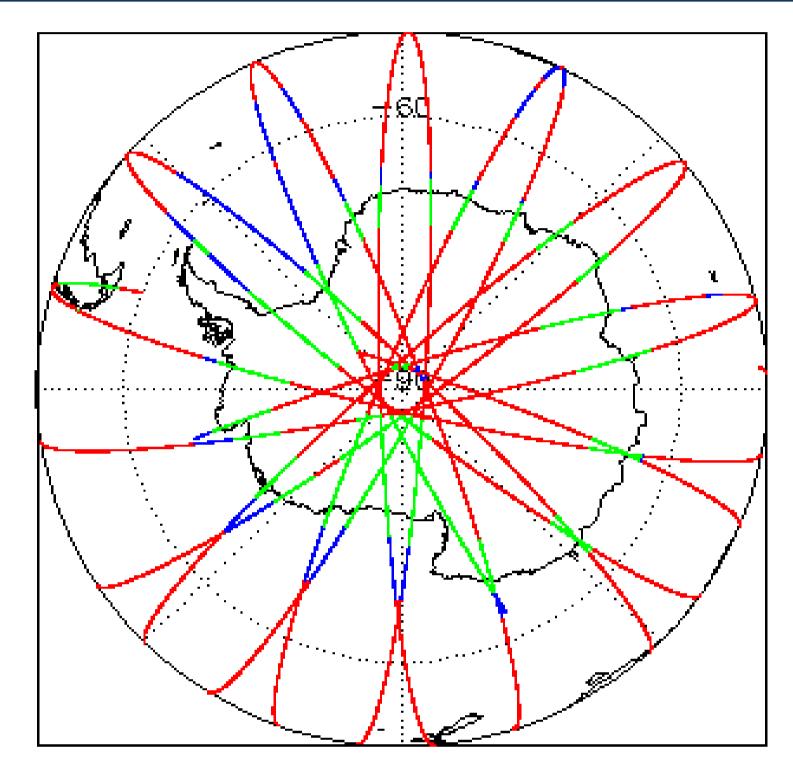
Report Production:	20-Apr-2020
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

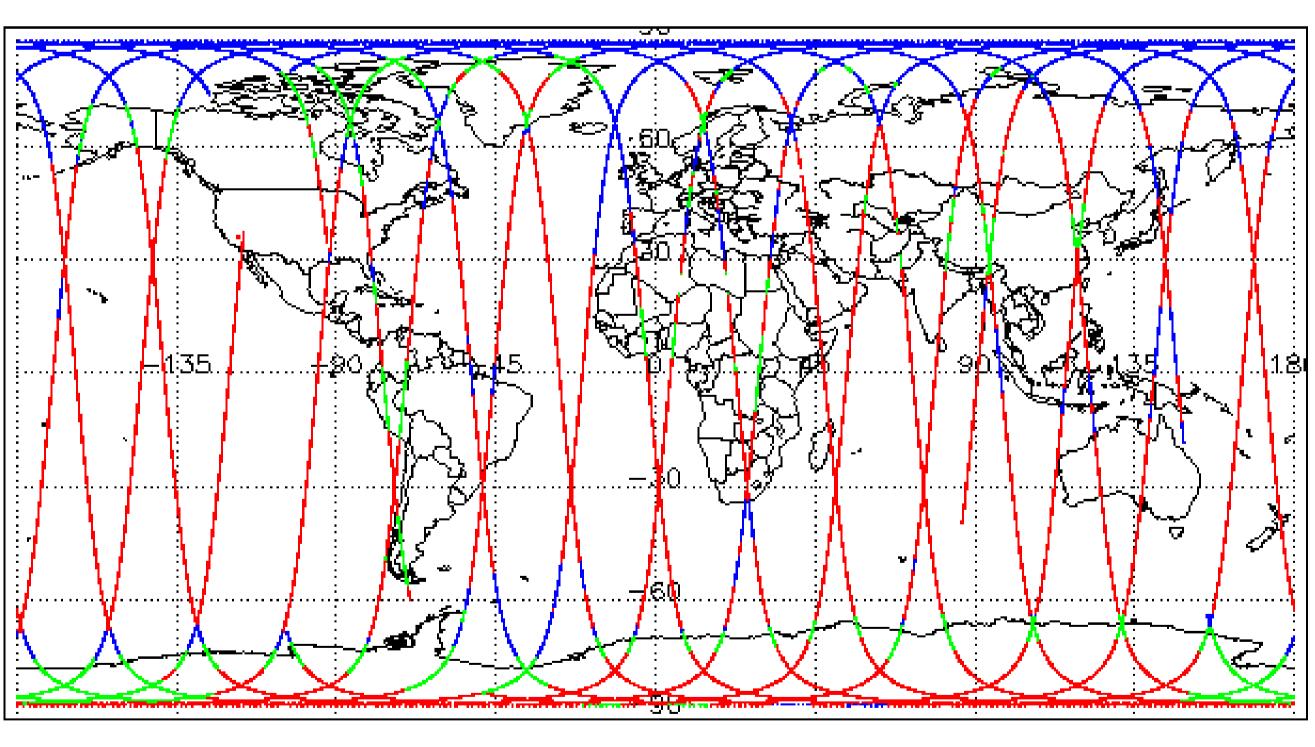
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	See Section 5.4	See Section 6.4
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
Range, SWH & Backscatter Measurement Check	See Section 5.6	See Section 6.6
Ocean Retracking Quality Check	See Section 5.7	See Section 6.7

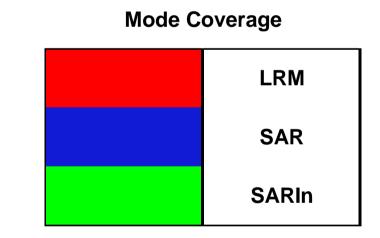
Mis	ssion / Instru	ment News
18	8-Mar-2020	None
19	9-Mar-2020	None
20	0-Mar-2020	Nothing planned

2. Global Coverage









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).

4.2 L1B Product Header Analysis

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

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

Number of products with errors:

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

0

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20200319T052309_20200319T052409_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

14

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20200319T021129_20200319T023715_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20200319T092800_20200319T094133_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20200319T230020_20200319T230450_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200319T024715_20200319T024854_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200319T051526_20200319T051618_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200319T110525_20200319T110713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200319T132618_20200319T132639_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200319T164024_20200319T164111_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20200319T182244_20200319T182511_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200319T080633_20200319T081114_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200319T101729_20200319T101946_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200319T102116_20200319T102319_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200319T164357_20200319T165235_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20200319T221059_20200319T221238_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors: 0

5.3 L2 Auxiliary Data File Usage Check

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

5.4 L2 Auxiliary Correction Error Check

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

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

- > ECMWF Meteo Corrections: Currently the following corrections are not computed over CONTINENTAL ICE: Dry Tropospheric Correction, Wet Tropospheric Correction, Inverse Barometric Correction and the U-Wind and V-Wind components of the ECMWF model wind vector. This is a known anomaly (CRYO-COP-3) and will be resolved in a future IPF update. The affected products are not reported in the table below.
- > Sea State Bias & Sea State Bias PLRM: The error value is currently set for products over sea ice, but this is to be expected.
- > Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors:

52

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20200319T000836_20200319T001227_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_20200319T001737_20200319T001812_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_20200319T010815_20200319T010957_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_20200319T024715_20200319T024854_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_20200319T041721_20200319T041840_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_20200319T042411_20200319T042726_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_20200319T051526_20200319T051618_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_20200319T051905_20200319T052017_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_20200319T055646_20200319T055800_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_20200319T060307_20200319T060622_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	Topography height (solution 1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES) and the Non-Equilibrium Long Period Ocean Tide for one or more records
CS_OFFL_SIR_GOPN_2_20200319T073740_20200319T074017_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_20200319T074211_20200319T074754_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_20200319T083300_20200319T083420_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_20200319T091603_20200319T091915_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_20200319T101211_20200319T101317_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_20200319T105511_20200319T105713_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_20200319T115124_20200319T115711_C001	Mean Sea Surface (1), Mean Dynamic Topography (1), Total Geocentric Ocean Tide (GOT)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) and the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_GOPN_2_20200319T123443_20200319T123601_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_20200319T141402_20200319T141522_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_20200319T155351_20200319T155716_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_20200319T164024_20200319T164111_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_20200319T165235_20200319T165505_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_20200319T173255_20200319T173616_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_20200319T174133_20200319T174256_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_20200319T182244_20200319T182511_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_20200319T192024_20200319T192140_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_20200319T200309_20200319T200413_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_20200319T205729_20200319T205929_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_20200319T214112_20200319T214327_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_20200319T231649_20200319T232202_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20200319T001228_20200319T001737_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_20200319T014957_20200319T015756_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_20200319T032832_20200319T033603_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_20200319T033903_20200319T034120_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20200319T034513_20200319T034703_C001	Mean Dynamic Topography (1)	There is an error with the Mean Dynamic Topography (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20200319T050338_20200319T051402_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_20200319T051402_20200319T051526_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_20200319T064552_20200319T065300_C001	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the GPD Wet Tropospheric correction, the MSS height (solution 1) and tidal corrections for one or more records
CS_OFFL_SIR_GOPR_2_20200319T065300_20200319T070802_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_20200319T082549_20200319T083152_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_20200319T083152_20200319T083300_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_20200319T091412_20200319T091602_C001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_GOPR_2_20200319T091412_20200319T091602_C001 CS_OFFL_SIR_GOPR_2_20200319T100529_20200319T100807_C001		
	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (solution 1) for one
CS_OFFL_SIR_GOPR_2_20200319T100529_20200319T100807_C001	Mean Sea Surface (1) Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (solution 1) for one or more records There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_GOPR_2_20200319T100529_20200319T100807_C001 CS_OFFL_SIR_GOPR_2_20200319T100807_20200319T101210_C001	Mean Sea Surface (1) Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (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 There is an error with the MSS height (solution 1) and the Mean Dynamic
CS_OFFL_SIR_GOPR_2_20200319T100529_20200319T100807_C001 CS_OFFL_SIR_GOPR_2_20200319T100807_20200319T101210_C001 CS_OFFL_SIR_GOPR_2_20200319T114554_20200319T115124_C001	Mean Sea Surface (1) Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (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 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
CS_OFFL_SIR_GOPR_2_20200319T100529_20200319T100807_C001 CS_OFFL_SIR_GOPR_2_20200319T100807_20200319T101210_C001 CS_OFFL_SIR_GOPR_2_20200319T114554_20200319T115124_C001 CS_OFFL_SIR_GOPR_2_20200319T132640_20200319T133141_C001	Mean Sea Surface (1) Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (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 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 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_20200319T100529_20200319T100807_C001 CS_OFFL_SIR_GOPR_2_20200319T100807_20200319T101210_C001 CS_OFFL_SIR_GOPR_2_20200319T114554_20200319T115124_C001 CS_OFFL_SIR_GOPR_2_20200319T132640_20200319T133141_C001 CS_OFFL_SIR_GOPR_2_20200319T150353_20200319T151341_C001	Mean Sea Surface (1) Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (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 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 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
CS_OFFL_SIR_GOPR_2_20200319T100529_20200319T100807_C001 CS_OFFL_SIR_GOPR_2_20200319T100807_20200319T101210_C001 CS_OFFL_SIR_GOPR_2_20200319T114554_20200319T115124_C001 CS_OFFL_SIR_GOPR_2_20200319T132640_20200319T133141_C001 CS_OFFL_SIR_GOPR_2_20200319T150353_20200319T151341_C001 CS_OFFL_SIR_GOPR_2_20200319T164357_20200319T165235_C001	Mean Sea Surface (1) Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) for one or more records There is an error with the Mean Dynamic Topography (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 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 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 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_20200319T100529_20200319T100807_C001 CS_OFFL_SIR_GOPR_2_20200319T100807_20200319T101210_C001 CS_OFFL_SIR_GOPR_2_20200319T114554_20200319T115124_C001 CS_OFFL_SIR_GOPR_2_20200319T132640_20200319T133141_C001 CS_OFFL_SIR_GOPR_2_20200319T150353_20200319T151341_C001 CS_OFFL_SIR_GOPR_2_20200319T164357_20200319T165235_C001 CS_OFFL_SIR_GOPR_2_20200319T182512_20200319T183255_C001	Mean Sea Surface (1) Mean Dynamic Topography (1) Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS 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 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 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 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 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:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200319T052309_20200319T052409_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Measurement Quality Flag Check

L2 Quality Flags (20Hz)

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20200319T003230_20200319T005328_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200319T005418_20200319T005752_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

CS_CFTL_SR_COPM_2_DCXCCV1792918_CXCV0V7129181_CXCV0V712918	CS_OFFL_SIR_GOPM_2_20200319T010049_20200319T010425_C001	OCOG Altimeter Range Quality, OCOG Backscatter Quality	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
PRIX. 2004 2. 2000319104293_200139100497 CD1 CS. DEFL S Y COPH 2. 2000319104793_200139105497 CD1 CS. DEFL S Y COPH 2. 2000319104793_2001	CS_OFFL_SIR_GOPM_2_20200319T021129_20200319T023715_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
GS OPEL SIR COPM 2. 20003597096019 20000019705794, CO01 ODD AR INDER Burgo Coulty, CO010 ODD AR INDER Burg	CS_OFFL_SIR_GOPM_2_20200319T023843_20200319T024338_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
September Capity for the or more records: OCCO Astrantal Practice Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity for the OCCO Alternate Practice Duality Plags have been associated Capity for the OCCO Alternate Practice and Best contact Duality Plags have been associated Capity Plags have been associate	CS_OFFL_SIR_GOPM_2_20200319T025019_20200319T032524_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Section (1997) Section (1997)	CS_OFFL_SIR_GOPM_2_20200319T034703_20200319T034817_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and the OCOG Attreter Range and Sedescater Quality Flags have been able to row or more record. CE_OFFL_SIR_QOPM_2_20200319T04184_20200319T04200_C001 CS_OFFL_SIR_QOPM_2_20200319T04184_20200319T04200_C001 CS_OFFL_SIR_QOPM_2_20200319T04184_20200319T050307_C001 Allimeter Range and Badaccater Quality Flags have been able to row or more records. CS_OFFL_SIR_QOPM_2_20200319T050107_20200319T050107_C001 CS_OFFL_SIR_QOPM_2_20200319T050107_20200319T050107_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C000117050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C000117050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C000117050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C000117050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C000117050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C000117050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0000117050200_C001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0000117050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0000117050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0000117050200_C0001 CS_OFFL_SIR_QOPM_2_20200319T050200_C0000117050200_C000117	CS_OFFL_SIR_GOPM_2_20200319T035718_20200319T035734_C001	•	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Bedscatter Quality For one or more records. GS OFFL SIR GOPM 2 20200319T042916 20200319T050037 CO11 All meter Range and Backscatter Cuality CO02 All meter Range Coulity CO02 All meter Range Coulity CO02 All meter Range Coulity CO02 All meter Range and Backscatter Cuality Range and Backscatter Cuality Range Range SINA, SNH are Ba	CS_OFFL_SIR_GOPM_2_20200319T041351_20200319T041659_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Bascacater Quality COCQ Altimeter Range and Backscatter Quality Flags have been see CS_OFFL_SIR_GOPM_2_202003197061797_202003197061640_C001 CS_OFFL_SIR_GOPM_2_202003197062209_202003197065097_C001 CS_OFFL_SIR_GOPM_2_202003197062052_202003197065097_C001 CS_OFFL_SIR_GOPM_2_202003197062052_202003197065097_C001 CS_OFFL_SIR_GOPM_2_202003197062052_202003197065097_C001 CS_OFFL_SIR_GOPM_2_202003197062052_202003197065097_C001 CS_OFFL_SIR_GOPM_2_202003197062052_202003197065097_C001 CS_OFFL_SIR_GOPM_2_202003197062052_202003197065097_C001 CS_OFFL_SIR_GOPM_2_202003197062052_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706428_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706055_C001 CS_OFFL_SIR_GOPM_2_202003197060016_20200319706055_C001 CS_OFFL_SIR_GOPM_2_202003197060016_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060016_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_20200319706054_202003197060553_C001 CS_OFFL_SIR_GOPM_2_20200319706054_202003197060553_C001 CS_OFFL_SIR_GOPM_2_20200319706054_202003197060553_C001 CS_OFFL_SIR_GOPM_2_20200319706054_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOPM_2_202003197060553_C001 CS_OFFL_SIR_GOP	CS_OFFL_SIR_GOPM_2_20200319T041841_20200319T042409_C001	•	The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
So GFFL_SIR_GOPM_2_2020319T052309_2020319T052409_C001 CS_OFFL_SIR_GOPM_2_2020319T052309_2020319T052409_C001 CS_OFFL_SIR_GOPM_2_2020319T052309_2020319T052409_C001 CS_OFFL_SIR_GOPM_2_2020319T052309_2020319T052409_C001 CS_OFFL_SIR_GOPM_2_2020319T052309_2020319T052409_C001 CS_OFFL_SIR_GOPM_2_2020319T052309_2020319T052409_C001 CS_OFFL_SIR_GOPM_2_2020319T053625_2020319T064239_C001 CS_OFFL_SIR_GOPM_2_2020319T060518_2020319T064239_C001 CS_OFFL_SIR_GOPM_2_2020319T060518_2020319T060555_C001 CS_OFFL_SIR_GOPM_2_2020319T060518_2020319T060555_C001 CS_OFFL_SIR_GOPM_2_2020319T08118_2020319T08125_C001 CS_OFFL_SIR_GOPM_2_2020319T081525_2001 CS_OFFL_SIR_GOPM_2_2020319T083529_2020319T091439_C001 CS_OFFL_SIR_GOPM_2_2020319T085279_2020319T091439_C001 CS_OFFL_SIR_GOPM_2_2020319T085279_2020319T091439_C001 CS_OFFL_SIR_GOPM_2_2020319T085279_2020319T091439_C001 CS_OFFL_SIR_GOPM_2_2020319T085279_2020319T091439_C001 CS_OFFL_SIR_GOPM_2_2020319T094253_2020319T091438_C001 CS_OFFL_SIR_GOPM_2_2020319T094253_2020319T091438_C001 CS_OFFL_SIR_GOPM_2_2020319T094253_2020319T091438_C001 CS_OFFL_SIR_GOPM_2_2020319T094253_2020319T091438_C001 CS_OFFL_SIR_GOPM_2_2020319T094253_2020319T091438_C001 CS_OFFL_SIR_GOPM_2_2020319T094253_2020319T091438_C001 CS_OFFL_SIR_GOPM_2_2020319T094253_2020319T091438_C001 CS_OFFL_SIR_GOPM_2_2020319T0	CS_OFFL_SIR_GOPM_2_20200319T042916_20200319T050337_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200319T059625_20200319T059607_C001 CS_OFFL_SIR_GOPM_2_20200319T059625_20200319T060306 C001 CS_OFFL_SIR_GOPM_2_20200319T060818_20200319T060306 C001 CS_OFFL_SIR_GOPM_2_20200319T060818_20200319T060306 C001 CS_OFFL_SIR_GOPM_2_20200319T060818_20200319T060306 C001 CS_OFFL_SIR_GOPM_2_20200319T060818_20200319T060428_C001 CS_OFFL_SIR_GOPM_2_20200319T060818_20200319T060428_C001 CS_OFFL_SIR_GOPM_2_20200319T060824_20200319T060428_C001 CS_OFFL_SIR_GOPM_2_20200319T060825_20200319T060428_C001 CS_OFFL_SIR_GOPM_2_20200319T060825_20200319T060428_C001 CS_OFFL_SIR_GOPM_2_20200319T060826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T060826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T060826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060825_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080826_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T080820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T060820_20200319T060828_2001 CS_OFFL_SIR_GOPM_2_20200319T060	CS_OFFL_SIR_GOPM_2_20200319T051707_20200319T051840_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and flaeckscatter Quality and flaeckscatter	CS_OFFL_SIR_GOPM_2_20200319T052309_20200319T052409_C001		
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200319T060818_20200319T064238_C001 CS_OFFL_SIR_GOPM_2_20200319T070802_20200319T073042_C001 CS_OFFL_SIR_GOPM_2_20200319T070802_20200319T073042_C001 CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_C001 CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_C001 CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_C001 CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_C001 CS_OFFL_SIR_GOPM_2_20200319T081115_20200319T081925_C001 CS_OFFL_SIR_GOPM_2_20200319T081115_20200319T081925_C001 CS_OFFL_SIR_GOPM_2_20200319T083334_20200319T085533_C001 CS_OFFL_SIR_GOPM_2_20200319T089334_20200319T085533_C001 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T081149_C001 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092236_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T092236_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T092253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T09	CS_OFFL_SIR_GOPM_2_20200319T053625_20200319T055607_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have beer atterned to more records. CS_OFFL_SIR_GOPM_2_20200319T070802_20200319T098035_C001 CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_C001 CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_C001 CS_OFFL_SIR_GOPM_2_20200319T080354_20200319T080355_C001 CS_OFFL_SIR_GOPM_2_20200319T081115_20200319T081925_C001 CS_OFFL_SIR_GOPM_2_20200319T08134_20200319T081925_C001 CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_C001 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_C001 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_C001 CS_OFFL_SIR_GOPM_2_20200319T082800_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T092250_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T092253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T092253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C0	CS_OFFL_SIR_GOPM_2_20200319T055800_20200319T060306_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality. OCOG Altimeter Range and Backscatter Quality Flags have beer set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_CO01 CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_CO01 CS_OFFL_SIR_GOPM_2_20200319T081115_20200319T081925_CO01 CS_OFFL_SIR_GOPM_2_20200319T081115_20200319T081925_CO01 CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_CO01 CS_OFFL_SIR_GOPM_2_20200319T085533_CO01 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_CO01 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_CO01 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094133_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094133_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_CO01 CS_OFFL_	CS_OFFL_SIR_GOPM_2_20200319T060818_20200319T064238_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T081115_20200319T081925_C001 CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_C001 CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_C001 CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_C001 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_C001 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092200_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092500_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 Altimeter Range and Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T09200_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 And Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range an	CS_OFFL_SIR_GOPM_2_20200319T070802_20200319T073042_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_CO01 CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_CO01 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_CO01 CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_CO01 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_CO01 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T094133_CO01 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T094133_CO01 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_CO01 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T09433	CS_OFFL_SIR_GOPM_2_20200319T080254_20200319T080355_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T095729_20200319T091149_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T0922623_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001	CS_OFFL_SIR_GOPM_2_20200319T081115_20200319T081925_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094133_C001 CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094338_C001 CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 and Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 Altimeter Range Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T083834_20200319T085533_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T085729_20200319T091149_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094133_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 Altimeter Range and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T092216_20200319T092623_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality set for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T092800_20200319T094133_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
Coop Altimotor Dongs COLIA CIALL The Cooper Altimotor Dongs COLIA CIALLE III III Co	CS_OFFL_SIR_GOPM_2_20200319T094253_20200319T094338_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_GOPM_2_20200319T094540_20200319T095502_C001		The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200319T100041_20200319T100047_C001 OCOG Altimeter Range Quality, OCOG for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been se for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T100041_20200319T100047_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20200319T101318_20200319T101410_C001 OCOG Altimeter Range Quality, OCOG for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been seen for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T101318_20200319T101410_C001		The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
	CS_OFFL_SIR_GOPM_2_20200319T102319_20200319T103428_C001	and Backscatter Quality, OCOG	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

Court Service Court Co	CS_OFFL_SIR_GOPM_2_20200319T103958_20200319T104844_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.
Column	CS_OFFL_SIR_GOPM_2_20200319T104848_20200319T105439_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
SE CHEL ISBN 500PH 2 2000X181110212 2000X191110210 CDD Over 1 Name in Progress (28 In 2001) CDD Attention Regions (28 In	CS_OFFL_SIR_GOPM_2_20200319T105713_20200319T110525_C001		
### Revision of Color All Revision Country (COC) ### Revision of Color All Revision Country ### Color All Revision Country #	CS_OFFL_SIR_GOPM_2_20200319T110718_20200319T112338_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20200319T112812_20200319T113121_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Suckstater County CS_OFFL_SIR_COPY_2_20200310112692_20200310112692_20200310112698_20001 Suckstater County COOD Affineter Range and Backstater Quality Flags have been set Affineter Range and Backstater Quality Flags have been set Affineter Range County COOD Affineter Range Quality COOD Affineter Range and Backstater Quality Flags have been set for or or now records. CS_OFFL_SIR_COPY_2_202003101124705_20200319114214_COO1 Social Carmeter Range Quality COOD Affineter Range and Backstater Quality Flags have been set for or or now records. CS_OFFL_SIR_COPY_2_20200310114409_2_202003191144214_COO1 Social Carmeter Range Quality COOD Affineter Range and Backstater Quality Flags have been set for or or or now records. CS_OFFL_SIR_COPY_2_20200310114209_20200319114208_COOT Affineter Range and Backstater Quality Flags have been set for or or or now records. CS_OFFL_SIR_COPY_2_20200310114209_202003191142018_COOT Affineter Range and Backstater Quality Flags have been set for or or or now records. CS_OFFL_SIR_COPY_2_20200310114209_202003191142018_COOT Affineter Range and Backstater Quality Flags have been set for or or now records. CS_OFFL_SIR_COPY_2_202003101142019_202003191142018_COOT Affineter Range and Backstater Quality Flags have been set for or or now records. CS_OFFL_SIR_COPY_2_202003101142019_20200319114004_COOT Affineter Range and Backstater Quality Fla	CS_OFFL_SIR_GOPM_2_20200319T113828_20200319T113833_C001		
and Recostor Quality, QCOD and Recostor Quality, QCOD Alternater Range on Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alternater Range and Backscatter Quality Flags have been self- colored Alter	CS_OFFL_SIR_GOPM_2_20200319T115933_20200319T120550_C001		
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200319T128842_20200319T14249_COOI CS_OFFL_SIR_GOPM_2_20200319T128842_20200319T14249_COOI CS_OFFL_SIR_GOPM_2_20200319T148082_20200319T14241_COOI CS_OFFL_SIR_GOPM_2_20200319T148082_20200319T14241_COOI CS_OFFL_SIR_GOPM_2_20200319T148082_20200319T14241_COOI CS_OFFL_SIR_GOPM_2_20200319T148082_20200319T14241_COOI CS_OFFL_SIR_GOPM_2_20200319T142838_COOI CS_OFFL_SIR_GOPM_2_20200319T142840_COO0319T144840_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COOI CS_OFFL_SIR_GOPM_2_20200319T148417_COO0319T164848_COOI CS_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164848_COOI CS_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T164844_COOI CC_OFFL_SIR_GOPM_2_20200319T169417_COO0319T16484	CS_OFFL_SIR_GOPM_2_20200319T120627_20200319T123329_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPM_2_20000319T124835_202000319T191154_C001 CS_OFFL_SIR_GOPM_2_20000319T124835_202000319T191154_C001 CS_OFFL_SIR_GOPM_2_20000319T124835_202000319T192192_C001 CS_OFFL_SIR_GOPM_2_20000319T134325_202000319T149219_C001 CS_OFFL_SIR_GOPM_2_20000319T149325_202000319T149219_C001 CS_OFFL_SIR_GOPM_2_20000319T149325_202000319T149219_C001 CS_OFFL_SIR_GOPM_2_20000319T149308_C0001 CS_OFFL_SIR_GOPM_2_20000319T149308_C001 CS_OFFL_SIR_GOPM_2_20000319T149308_C0001 CS_OFFL_SIR_GOPM_2_20000319T149417_20000319T149418_C0001 CS_OFFL_SIR_GOPM_2_20000319T149417_20000319T149418_C0001 CCCOR_Altimeter Range Coality, COCOR_Altimeter Range and Backscatter Quality Flags have been sell for non or none records. CCCOR_Altimeter Range and Backscatter Quality Flags have been sell for none or none records. CCCOR_Altimeter Range and Backscatter Quality Flags have been sell for none or none records. CCCOR_Altimeter Range and Backscatter Quality Flags have been sell for none or none records. CCCOR_Altimeter Range and Backscatter Quality Flags have been sell for none or none records. CCCOR_Altimeter Range and Backscatter Quality Flags have been sell for none or none records. CCCOR_Altimeter Range and Backscatter Quality Flags have been sell for none or none records. CCCOR_Altimeter Range and Backscatter Quality Flags have been sell for none or none records. CCCOR_Altimeter Range an	CS_OFFL_SIR_GOPM_2_20200319T123601_20200319T123804_C001		
CS_OFFL_SIR_GOPM_2_20200319T124235_21200319T132219_C0001 CS_OFFL_SIR_GOPM_2_20200319T132217_20200319T132219_C0001 CS_OFFL_SIR_GOPM_2_20200319T132217_20200319T132219_C0001 CS_OFFL_SIR_GOPM_2_20200319T134326_20200319T14214_C0001 CS_OFFL_SIR_GOPM_2_20200319T143326_20200319T14214_C0001 CS_OFFL_SIR_GOPM_2_20200319T143326_20200319T14214_C0001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T142536_20200319T14277_C0001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T142536_20200319T14277_C0001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T142536_20200319T14277_C0001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T142536_20200319T14277_C0001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T142536_20200319T14277_C0001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T14277_C0001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T145466_C001 CS_OFFL_SIR_GOPM_2_20200319T145477_20200319T145466_C001 CS_OFFL_SIR_GOPM_2_20200319T15726_20200319T145466_C001 CS_OFFL_SIR_GOPM_2_20200319T15726_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T16772_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T167172_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T167172_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_C001 CCS_OFFL_SIR_GOPM_2_20200319T160441_20200319T160444_C001 CCS_OFFL_SIR_GOPM_2	CS_OFFL_SIR_GOPM_2_20200319T123842_20200319T124359_C001		
GS_OFFL_SIR_GOPM_2_20200319T142326_20200319T142413_C001 CS_OFFL_SIR_GOPM_2_20200319T144286_20200319T142413_C001 CS_OFFL_SIR_GOPM_2_20200319T144808_20200319T142413_C001 CS_OFFL_SIR_GOPM_2_20200319T144808_20200319T142413_C001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T142413_C001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T142538_C001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200	CS_OFFL_SIR_GOPM_2_20200319T124635_20200319T131154_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality. CCG Altimeter Range and Backscatter Quality. CCG Backscatter Quality. CCG CS_OFFL_SIR_GOPM_2_20200319T141808_20200319T142313_CO01 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T143938_CO01 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T143938_CO01 CS_OFFL_SIR_GOPM_2_20200319T143940_20200319T144717_CO01 CS_OFFL_SIR_GOPM_2_20200319T143940_20200319T144717_CO01 CS_OFFL_SIR_GOPM_2_20200319T145417_20200319T145456_CO01 CS_OFFL_SIR_GOPM_2_20200319T145417_20200319T145456_CO01 CS_OFFL_SIR_GOPM_2_20200319T1571726_20200319T155149_CO01 CS_OFFL_SIR_GOPM_2_20200319T15777_20200319T160244_CO01 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_CO01 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_CO01 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160250_CO01 Altimeter Range and Backscatter Quality. CCG Backscatter Quality. CCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. The OCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T1677_20200319T160244_CO01 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T16035_CO01 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160250_CO01 Altimeter Range and Backscatter Quality. CCG Backscatter Quality. CCG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T160417_20200319T160250_CO01 CS_OFFL_SIR_GOPM_2_20200319T160417_20200319T160250_CO01 CS_OFFL_SIR_GOPM_2_20200319T160417_20200319T160250_CO01 CS_OFFL_SIR_GOPM_2_20200319T160417_20200319T160250_CO01 CS_OFFL_SIR_GOPM_2_20200319T160417_20200319T160250_CO01 CS_OFFL_SIR_GOPM_2_20200319T160417_20200319T160250_CO01 CS_OFFL_SIR_GOPM_2_20200319T160417_20200319T160417_20200319T160417_2040	CS_OFFL_SIR_GOPM_2_20200319T132117_20200319T132219_C001		·
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T143938_C001 CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T143938_C001 CS_OFFL_SIR_GOPM_2_20200319T143940_20200319T144717_C001 CS_OFFL_SIR_GOPM_2_20200319T145477_20200319T145456_C001 CS_OFFL_SIR_GOPM_2_20200319T145477_20200319T145456_C001 CS_OFFL_SIR_GOPM_2_20200319T15726_20200319T155149_C001 CS_OFFL_SIR_GOPM_2_20200319T157726_20200319T155149_C001 CS_OFFL_SIR_GOPM_2_20200319T157726_20200319T155149_C001 CS_OFFL_SIR_GOPM_2_20200319T15777_20200319T160244_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160259_C001 CCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160259_C001 CCGA Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range Altimeter Range and Backscatter Quality Flags have been set for one or more records. CCGA Altimeter Range and Backscatter Qual	CS_OFFL_SIR_GOPM_2_20200319T134326_20200319T141214_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
and Backscatter Quality COG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS OFFL SIR GOPM 2 20200319T143940 20200319T144717 C001 CS OFFL SIR GOPM 2 20200319T145417 20200319T145456 C001 CS OFFL SIR GOPM 2 20200319T145417 20200319T145456 C001 CS OFFL SIR GOPM 2 20200319T145417 20200319T145456 C001 CS OFFL SIR GOPM 2 20200319T15726 20200319T155149 C001 CS OFFL SIR GOPM 2 20200319T15772 20200319T160244 C001 CS OFFL SIR GOPM 2 20200319T165717 20200319T160244 C001 CS OFFL SIR GOPM 2 20200319T160411 20200319T16035 C001 CS OFFL SIR GOPM 2 20200319T160411 20200319T162259 C001 CS OFFL SIR GOPM 2 20200319T16040 C006 Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS OFFL SIR GOPM 2 20200319T165657 20200319T170521 C001 CO CA Altimeter Range SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS OFFL SIR GOPM 2 20200319T166657 20200319T170521 C001 CO CA Altimeter Range SHA, SWH and Backscatter Quality Flags have been set for one or more records. CO CA Altimeter Range and Backscatter Quality Flags have been set for one or more records. CO CA Altimeter Range SHA, SWH and Backscatter Quality Flags have been set for one or more records. CS OFFL SIR GOPM 2 20200319T170806 20200319T170821 C001 CA	CS_OFFL_SIR_GOPM_2_20200319T141808_20200319T142413_C001		·
and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T145417_20200319T145456_C001 CS_OFFL_SIR_GOPM_2_20200319T151726_20200319T155149_C001 CS_OFFL_SIR_GOPM_2_20200319T151726_20200319T155149_C001 CS_OFFL_SIR_GOPM_2_20200319T15777_20200319T160244_C001 CS_OFFL_SIR_GOPM_2_20200319T165577_20200319T160244_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160245_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160245_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160259_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160259_C001 CS_OFFL_SIR_GOPM_2_20200319T1605657_20200319T160259_C001 CS_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_2_20200319T1605657_20200319T170521_C001 CCC_OFFL_SIR_GOPM_	CS_OFFL_SIR_GOPM_2_20200319T142536_20200319T143938_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
Backscatter Quality CS_OFFL_SIR_GOPM_2_20200319T151726_20200319T155149_C001 Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T155717_20200319T160244_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160244_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160245 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160245 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T160259_C001 CS_OFFL_SIR_GOPM_2_20200319T160412_20200319T160259_C001 CS_OFFL_SIR_GOPM_2_20200319T160657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T160657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T1606657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T170511_C001 CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001 CS_OFFL_SIR_GOPM_2_20200319T	CS_OFFL_SIR_GOPM_2_20200319T143940_20200319T144717_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20200319T157726_20200319T155149_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T155717_20200319T160244_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001 CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001 CS_OFFL_SIR_GOPM_2_20200319T161327_20200319T162259_C001 CS_OFFL_SIR_GOPM_2_20200319T16327_20200319T162259_C001 CS_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T16066_20200319T170806_20200319T173111_C001 and Backscatter Quality, OCOG Altimeter Range Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T16066_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001 Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T160657_20200319T170521_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T160657_20200319T170521_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T170521_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T170521_C001 The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range an	CS_OFFL_SIR_GOPM_2_20200319T145417_20200319T145456_C001		
Backscatter Quality Cs_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001 Cs_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001 Cs_OFFL_SIR_GOPM_2_20200319T161327_20200319T162259_C001 Cs_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T1656657_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T1656657_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T1656657_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T1656657_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T1656657_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T170806_20200319T170521_C001 Cs_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001	CS_OFFL_SIR_GOPM_2_20200319T151726_20200319T155149_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality CS_OFFL_SIR_GOPM_2_20200319T161327_20200319T162259_C001 CS_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T170521_C001 and Backscatter Quality, OCOG Backscatter Quality, OCOG Backscatter Quality, OCOG Altimeter Range Quality, OCOG Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range, SSHA, SWH and Backscatter Quality The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001 The OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T155717_20200319T160244_C001		
Backscatter Quality Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Set for one or more records. The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags have been set for one or more records. The Ocean Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags have been set for OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCO	CS_OFFL_SIR_GOPM_2_20200319T160411_20200319T161035_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001 and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records. Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001 The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags	CS_OFFL_SIR_GOPM_2_20200319T161327_20200319T162259_C001		
CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001 and Backscatter Quality, OCOG and the OCOG Altimeter Range and Backscatter Quality Flags have been	CS_OFFL_SIR_GOPM_2_20200319T165657_20200319T170521_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
	CS_OFFL_SIR_GOPM_2_20200319T170806_20200319T173111_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been
CS_OFFL_SIR_GOPM_2_20200319T173616_20200319T173721_C001 OCOG Altimeter Range Quality, OCOG for one or more records. The OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T173616_20200319T173721_C001		
CS_OFFL_SIR_GOPM_2_20200319T173724_20200319T174133_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_20200319T173724_20200319T174133_C001		
CS_OFFL_SIR_GOPM_2_20200319T174311_20200319T180311_C001 Ocean Altimeter Range, SSHA, SWH and Backscatter Quality, OCOG Altimeter Range and Backscatter Quality Flags have been Set for one or more records.	CS_OFFL_SIR_GOPM_2_20200319T174311_20200319T180311_C001	and Backscatter Quality, OCOG	and the OCOG Altimeter Range and Backscatter Quality Flags have been

CS_OFFL_SIR_GOPM_2_20200319T183530_20200319T190900_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_20200319T191143_20200319T191618_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_20200319T192231_20200319T192519_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_20200319T192720_20200319T195846_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_20200319T200025_20200319T200308_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_20200319T201854_20200319T202558_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_20200319T203040_20200319T203156_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_20200319T203349_20200319T204823_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_20200319T204959_20200319T205516_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_20200319T210535_20200319T211857_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_20200319T212306_20200319T213314_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_20200319T220037_20200319T221059_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_20200319T221239_20200319T222734_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_20200319T222926_20200319T223427_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_20200319T224906_20200319T225528_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_20200319T230020_20200319T230449_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_20200319T230733_20200319T231322_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_20200319T233548_20200319T233600_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_20200319T234425_20200320T000643_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_20200319T015756_20200319T015817_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_20200319T132618_20200319T132639_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_20200319T142413_20200319T142536_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_20200319T205548_20200319T205551_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_20200319T010957_20200319T011039_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_20200319T015956_20200319T020108_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_20200319T033903_20200319T034120_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_20200319T065300_20200319T070802_C001	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20200319T212242_20200319T212305_C001	The Ocean Altimeter Range, SSHA, SWH and Backscatter Quality Flags and the OCOG Altimeter Range and Backscatter Quality Flags have been set for one or more records.

L2 Quality Flags (20Hz PLRM)

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

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

Number of products with errors: 89		
Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20200319T000616_20200319T000739_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_20200319T000836_20200319T001227_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_20200319T002946_20200319T003229_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_20200319T010815_20200319T010957_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_20200319T023715_20200319T023842_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_20200319T024715_20200319T024854_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_20200319T032524_20200319T032637_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_20200319T035735_20200319T040108_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_20200319T041721_20200319T041840_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_20200319T042411_20200319T042726_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_20200319T051526_20200319T051618_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_20200319T052409_20200319T052525_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_20200319T073740_20200319T074017_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_20200319T074211_20200319T074754_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_20200319T083300_20200319T083420_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_20200319T083653_20200319T083811_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_20200319T091603_20200319T091915_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_20200319T095503_20200319T095720_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_20200319T101410_20200319T101508_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_20200319T101652_20200319T101728_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_20200319T103429_20200319T103957_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_20200319T105511_20200319T105713_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_20200319T113219_20200319T113604_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_20200319T115124_20200319T115711_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_20200319T123443_20200319T123601_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_20200319T124400_20200319T124635_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_20200319T131155_20200319T131252_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_20200319T141402_20200319T141522_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_20200319T160244_20200319T160401_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_20200319T162300_20200319T162322_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_20200319T164024_20200319T164111_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_20200319T180312_20200319T180639_C001		The OCOG Range and Backscatter Quality Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20200319T182244_20200319T182511_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_20200319T190959_20200319T191142_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_20200319T205729_20200319T205929_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_20200319T214112_20200319T214327_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_20200319T215740_20200319T220037_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_20200319T222738_20200319T222925_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_20200319T224407_20200319T224630_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_20200319T225529_20200319T225959_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_20200319T230450_20200319T230612_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_20200319T231649_20200319T232202_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_20200319T233755_20200319T234154_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_20200319T001228_20200319T001737_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_20200319T001812_20200319T001951_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_20200319T002620_20200319T002652_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_20200319T014957_20200319T015756_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_20200319T015817_20200319T015956_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_20200319T032637_20200319T032719_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_20200319T032832_20200319T033603_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_20200319T033623_20200319T033827_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_20200319T034818_20200319T034959_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_20200319T050338_20200319T051402_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_20200319T051618_20200319T051707_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_20200319T052042_20200319T052302_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_20200319T064239_20200319T064445_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_20200319T064552_20200319T065300_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_20200319T065300_20200319T070802_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_20200319T073422_20200319T073740_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_20200319T082549_20200319T083152_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_20200319T083152_20200319T083300_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_20200319T091412_20200319T091602_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_20200319T100529_20200319T100807_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_20200319T100807_20200319T101210_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_20200319T101508_20200319T101652_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_20200319T101729_20200319T101946_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_20200319T102116_20200319T102319_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_20200319T105440_20200319T105511_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_20200319T114433_20200319T114554_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_20200319T114554_20200319T115124_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_20200319T123329_20200319T123443_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_20200319T132514_20200319T132617_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_20200319T141215_20200319T141402_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_20200319T150026_20200319T150217_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_20200319T150353_20200319T151341_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_20200319T155150_20200319T155350_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_20200319T163057_20200319T163431_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_20200319T163714_20200319T164011_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_20200319T164357_20200319T165235_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_20200319T165505_20200319T165528_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_20200319T173111_20200319T173255_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_20200319T182512_20200319T183255_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_20200319T200414_20200319T201127_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_20200319T201350_20200319T201854_C001	TAIIIMAIAI RANNA ANN BAIRCEANAI CHIAIIIV	The Ocean Altimeter Range, SSHA, SWH 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_20200319T205929_20200319T210534_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_20200319T213859_20200319T214111_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_20200319T214328_20200319T215018_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_20200319T231444_20200319T231649_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_20200319T232202_20200319T232823_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.

L2 Quality Flags (1 Hz & 1Hz PLRM)

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

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

Number of products with errors: 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 measurement record. The bit value of this flag indicates any problems when set.

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

Number of products with errors: 65

L2 Retracking Flags (20Hz, PLRM)

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

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

Number of products with errors: 142

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

6.1 P2P Product Format Check

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

Number of products with errors:

(

6.2 P2P Product Header Analysis

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

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

0

6.4 P2P Auxiliary Correction Error Check

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

Currently, there are some common auxiliary correction errors raised in the Level 2 products 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.

Number of products with errors:

30

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220200318T232532_20200319T001511_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220200319T001511_20200319T010446_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_220200319T010446_20200319T015425_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_220200319T015425_20200319T024359_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_220200319T024359_20200319T033339_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_220200319T033339_20200319T042313_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_220200319T042313_20200319T051252_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_220200319T051252_20200319T060227_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_220200319T060227_20200319T065206_C001	Topography (1), Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period	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_220200319T065206_20200319T074140_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_220200319T074140_20200319T083119_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_220200319T083119_20200319T092053_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_220200319T092053_20200319T101033_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_220200319T101033_20200319T110007_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_220200319T110007_20200319T114946_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_220200319T114946_20200319T123921_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_220200319T123921_20200319T132900_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_220200319T132900_20200319T141834_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_220200319T141834_20200319T150814_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_220200319T150814_20200319T155748_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_220200319T155748_20200319T164727_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_220200319T164727_20200319T173702_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_220200319T173702_20200319T182641_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_220200319T182641_20200319T191615_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_220200319T191615_20200319T200554_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_220200319T200554_20200319T205528_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_220200319T205528_20200319T214508_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_220200319T214508_20200319T223442_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_220200319T223442_20200319T232421_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_220200319T232421_20200320T001356_C002	Mean Sea Surface (1), Mean Dynamic Topography (1)	There is an error with the MSS height (solution 1) and the Mean Dynamic Topography height (solution 1) for one or more records

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

6.6 P2P Measurement Quality Flag Check

P2P Quality Flags (20Hz)

CryoSat P2P data includes Quality Flags for each 20 Hz, 20 Hz PLRM and 1 Hz measurement record, copied from the corresponding L2 products.

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

Number of products with errors: 29

P2P Quality Flags (20Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

Number of products with errors: 30

P2P Quality Flags (1 Hz & 1Hz PLRM)

Since the P2P Quality Flags are copied directly from the L2 Quality Flags, please see Section 5.6 for the full list of products affected.

Number of products with errors: 30

6.8 P2P Ocean Retracking Quality Check

P2P Retracking Flags (20Hz)

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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

Number of products with errors: 28

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.