



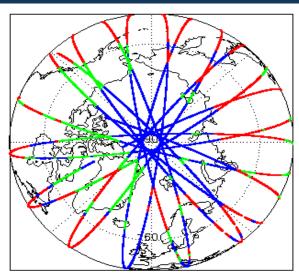
## 1. Overview

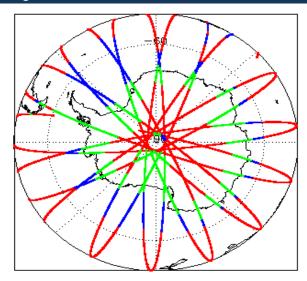
Report Production:	21-Jun-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

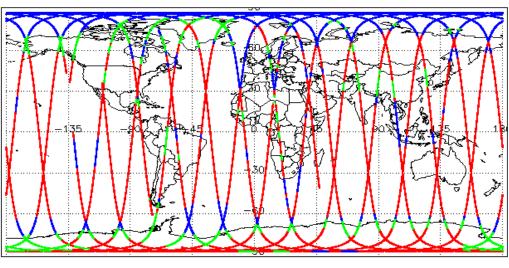
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.6	Nominal
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

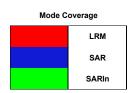
Mission / Instrument News			
20-May-2018			
21-May-2018	None		
22-May-2018	Nothing planned		

# 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).

Number of products with errors:

0

## 4.2 L1B Product Header Analysis

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

#### 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:

#### 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:

#### 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:

19

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180521T003002_20180521T003144_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180521T064859_20180521T070140_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T020639_20180521T020805_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T034952_20180521T035259_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T052615_20180521T052735_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T053059_20180521T053157_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T070444_20180521T070745_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T121253_20180521T121320_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T171010_20180521T171431_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180521T185153_20180521T185420_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T070140_20180521T070214_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T071112_20180521T071611_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T084935_20180521T085458_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T102757_20180521T103741_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T120517_20180521T121253_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T121320_20180521T121758_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T130434_20180521T130727_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T134407_20180521T135104_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180521T220351_20180521T220810_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:

## 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

## 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

#### 5.6 L2 Range Measurement Check

CryoSat L2 data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags 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.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180520T235345_20180521T001509_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T001512_20180521T002223_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T003002_20180521T003144_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T004440_20180521T011821_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T012506_20180521T013026_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T013702_20180521T013824_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T020807_20180521T021204_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T022356_20180521T023310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T023555_20180521T025748_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T030356_20180521T030508_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T030515_20180521T030921_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T031221_20180521T032425_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T032613_20180521T033219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T033401_20180521T033847_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T040306_20180521T043628_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T043902_20180521T044406_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T044427_20180521T044730_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T045505_20180521T052556_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T052735_20180521T052925_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T052926_20180521T053059_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T054413_20180521T054813_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T054815_20180521T055351_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T055446_20180521T061551_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T061758_20180521T062304_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T063245_20180521T064240_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T064859_20180521T070140_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T071758_20180521T073851_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T074030_20180521T075445_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T075715_20180521T080215_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T080256_20180521T080358_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T081045_20180521T081348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T081356_20180521T082956_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T083003_20180521T083237_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T091130_20180521T093341_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T093755_20180521T094132_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T094153_20180521T094501_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T094812_20180521T101447_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T104746_20180521T111342_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T111537_20180521T112045_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T112052_20180521T112419_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T112753_20180521T113848_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T114426_20180521T114550_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T115758_20180521T120129_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T122848_20180521T123036_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T124727_20180521T125257_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T125536_20180521T130118_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T130152_20180521T130320_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T130727_20180521T134104_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T141351_20180521T143208_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T143502_20180521T144012_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T144630_20180521T152037_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
35_5E_0IN_001 M_E_201000211177000_201000211102007_0001	South Range Averaging Status	records.

CS_OFFL_SIR_GOPM_2_20180521T153226_20180521T153313_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T153352_20180521T153433_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T154448_20180521T154928_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T155007_20180521T160836_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T162624_20180521T165847_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T171508_20180521T173348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T173430_20180521T174744_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T175625_20180521T175822_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T175950_20180521T180324_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T180520_20180521T182044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T182246_20180521T183208_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T185018_20180521T185153_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T185420_20180521T185645_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T185853_20180521T191130_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T192745_20180521T192852_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T193445_20180521T193747_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T193753_20180521T194225_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T194500_20180521T195914_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T203747_20180521T204458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T204557_20180521T210958_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T211258_20180521T212122_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T212440_20180521T214944_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T222148_20180521T223210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T223744_20180521T224845_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T225223_20180521T225343_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T225509_20180521T225924_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T230320_20180521T233034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T235530_20180522T001123_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T125415_20180521T125536_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T130320_20180521T130434_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T184905_20180521T185018_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T225924_20180521T230218_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180521T053158_20180521T053741_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

# 5.7 L2 SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags 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.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180520T235345_20180521T001509_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T001512_20180521T002223_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T003002_20180521T003144_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T004440_20180521T011821_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T012506_20180521T013026_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T013702_20180521T013824_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T020807_20180521T021204_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T022356_20180521T023310_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T023555_20180521T025748_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T030356_20180521T030508_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180521T030515_20180521T030921_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T031221_20180521T032425_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T032613_20180521T033219_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T033401_20180521T033847_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T040306_20180521T043628_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T043902_20180521T044406_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T044427_20180521T044730_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T045505_20180521T052556_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR GOPM 2 20180521T052735 20180521T052925 C001	Backscatter Averaging Status  Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T052926_20180521T053059_C001	Ice Backscatter Averaging Status	records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T054413_20180521T054813_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T054815_20180521T055351_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T055446_20180521T061551_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T061758_20180521T062304_C001	Backscatter Averaging Status  Ice Backscatter Averaging Status	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T063245_20180521T064240_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T064859_20180521T070140_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T074030_20180521T075445_C001	Backscatter Averaging Status	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180521T075715_20180521T080215_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T081045_20180521T081348_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T081356_20180521T082956_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.
CS_OFFL_SIR_GOPM_2_20180521T083003_20180521T083237_C001	Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T091130_20180521T093341_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T093755_20180521T094132_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T094153_20180521T094501_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T094812_20180521T101447_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T104746_20180521T111342_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T111537_20180521T112045_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T112052_20180521T112419_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T112753_20180521T113848_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T114426_20180521T114550_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T115758_20180521T120129_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T122848_20180521T123036_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T124727_20180521T125257_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T125536_20180521T130118_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T130152_20180521T130320_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T130727_20180521T134104_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T141351_20180521T143208_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T143502_20180521T144012_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T144630_20180521T152037_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T153226_20180521T153313_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T153352_20180521T153433_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T154448_20180521T154928_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T155007_20180521T160836_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T162624_20180521T165847_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T171508_20180521T173348_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T173430_20180521T174744_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T175625_20180521T175822_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T175950_20180521T180324_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T180520_20180521T182044_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T182246_20180521T183208_C001	Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180521T185018_20180521T185153_C001	Backscatter Averaging Status  Ice Backscatter Averaging Status	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.
		records.

CS_OFFL_SIR_GOPM_2_20180521T185420_20180521T185645_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T185853_20180521T191130_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T193445_20180521T193747_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T193753_20180521T194225_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T194500_20180521T195914_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T203747_20180521T204458_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T204557_20180521T210958_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T211258_20180521T212122_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T212440_20180521T214944_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T222148_20180521T223210_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T223744_20180521T224845_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T225223_20180521T225343_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T225509_20180521T225924_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T230320_20180521T233034_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180521T235530_20180522T001123_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T125415_20180521T125536_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T130320_20180521T130434_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T184905_20180521T185018_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180521T225924_20180521T230218_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180521T053158_20180521T053741_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

## 5.8 L2 Ocean Retracking Quality Check

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:

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

#### 6.1 P2P Product Format Check

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

Number of products with errors: 0

## 6.2 P2P Product Header Analysis

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

Number of products with errors:

#### 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

## 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).

Number of products with errors:

#### 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 Range Measurement Check

CryoSat P2P data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the P2P 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.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180520T234632_20180521T003609_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T003609_20180521T012546_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T012546_20180521T021523_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T021523_20180521T030459_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T030459_20180521T035436_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_2_20180521T035436_20180521T044413_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T044413_20180521T053350_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T053350_20180521T062326_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T062326_20180521T071303_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T071303_20180521T080240_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T080240_20180521T085217_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T085217_20180521T094154_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T094154_20180521T103130_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T103130_20180521T112107_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T112107_20180521T121044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T121044_20180521T130021_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T130021_20180521T134958_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T134958_20180521T143934_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T143934_20180521T152911_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T152911_20180521T161848_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T161848_20180521T170825_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T170825_20180521T175801_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T175801_20180521T184738_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T184738_20180521T193715_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T193715_20180521T202652_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T202652_20180521T211629_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T211629_20180521T220605_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T220605_20180521T225542_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180521T225542_20180521T234519_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T234519_20180522T003456_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

## 6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the P2P 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.

SWH Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ocean Backscatter Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180520T234632_20180521T003609_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T003609_20180521T012546_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T012546_20180521T021523_C001		The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T021523_20180521T030459_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T030459_20180521T035436_C001		The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T035436_20180521T044413_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T044413_20180521T053350_C001		The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T053350_20180521T062326_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T062326_20180521T071303_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T071303_20180521T080240_C001	Backscatter Averaging Status, ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T080240_20180521T085217_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220180521T085217_20180521T094154_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_2_20180521T094154_20180521T103130_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T103130_20180521T112107_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T112107_20180521T121044_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T121044_20180521T130021_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T130021_20180521T134958_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T134958_20180521T143934_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T143934_20180521T152911_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T152911_20180521T161848_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T161848_20180521T170825_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T170825_20180521T175801_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T175801_20180521T184738_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T184738_20180521T193715_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T193715_20180521T202652_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T202652_20180521T211629_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T211629_20180521T220605_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T220605_20180521T225542_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T225542_20180521T234519_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T234519_20180522T003456_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

# 6.8 P2P Ocean Retracking Quality Check

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: 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.

CS_OFFL_SIR_GOP_2_20180521T012546_20180521T030459_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T030459_20180521T030459_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T030459_20180521T044413_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T030350_20180521T04413_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T033350_20180521T063350_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T063350_20180521T070333_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T030320_20180521T07033_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more re	Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180521T021523_20180521T030459_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T030459_20180521T0344413_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T0344413_20180521T053350_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T063350_20180521T062326_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T062326_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T062326_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T062326_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T062326_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T080240_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T103130_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T103130_20180521T112107_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T130352_1080521T1309521C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134958_20180521T134958_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T13	CS_OFFL_SIR_GOP_220180520T234632_20180521T003609_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T030459_20180521T035436_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T035436_20180521T044413_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T053350_20180521T063350_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T063350_20180521T03330_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T06336_20180521T033_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T07303_20180521T080240_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T0201  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T03103_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T103130_20180521T103130_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T112107_20180521T121044_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T112104_20180521T130021_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134958_20180521T134958_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134958_20180521T152911_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for on	CS_OFFL_SIR_GOP_220180521T012546_20180521T021523_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T035436_20180521T044413_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T044413_20180521T063350_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T0803240_20180521T080240_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T085217_20180521T094154_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T094154_20180521T103130_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T10310_20180521T112107_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T1121044_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T121044_20180521T130021_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134958_20180521T143934_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134934_20180521T169311_C001  Ocean Retracking Quality Flag  The Ocean Retracking Qu	CS_OFFL_SIR_GOP_220180521T021523_20180521T030459_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T044413_20180521T052356_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T062326_20180521T071303_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T071303_20180521T080240_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T091303_20180521T080240_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T085217_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080521T094154_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T094154_20180521T103130_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T103130_20180521T112107_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T11207_20180521T121044_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T12044_20180521T130021_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134958_C0180521T134934_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T13934_20180521T161848_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T13934_20180521T161848_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for o	CS_OFFL_SIR_GOP_220180521T030459_20180521T035436_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T053350_20180521T062326_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T071303_20180521T080240_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T080240_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T094154_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080521T094154_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T094154_20180521T103130_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T103130_20180521T112107_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T103130_20180521T1121044_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T130021_20180521T130021_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T130021_20180521T134958_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134934_20180521T143934_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T13934_20180521T161848_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T152911_20180521T161848_C001  Ccean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set f	CS_OFFL_SIR_GOP_220180521T035436_20180521T044413_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T062326_20180521T071303_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T080240_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080240_20180521T08521T_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T08521T_08521T094154_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T094154_20180521T103130_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T103130_20180521T112107_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T112107_20180521T121044_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T121044_20180521T130021_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T130021_20180521T134958_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134958_20180521T143934_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T143934_20180521T152911_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T161848_20180521T161848_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T161848_20180521T161848_C001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been	CS_OFFL_SIR_GOP_220180521T044413_20180521T053350_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180521T080240_20180521T080240_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T080521T080521T080521T001  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T094154_20180521T103130_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T103130_20180521T112107_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T112107_20180521T121044_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T121044_20180521T130021_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T130021_20180521T134958_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T134958_20180521T143934_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T143934_20180521T161848_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T152911_20180521T161848_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T161848_20180521T170825_CO01  Ocean Retracking Quality Flag  The Ocean Retracking Quality Flag has been set for one or more records.  The Ocean Retracking Quality Flag has been set for one or more records.  CS_OFFL_SIR_GOP_2_20180521T161848_20180521T161848_CO01  Ocean Retracki	CS_OFFL_SIR_GOP_220180521T053350_20180521T062326_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
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