



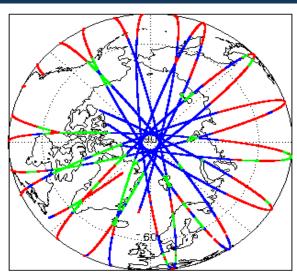
## 1. Overview

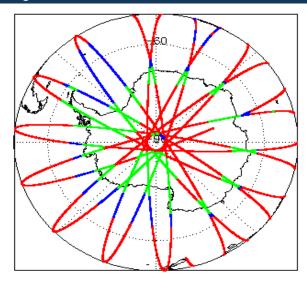
Report Production:	15-Apr-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

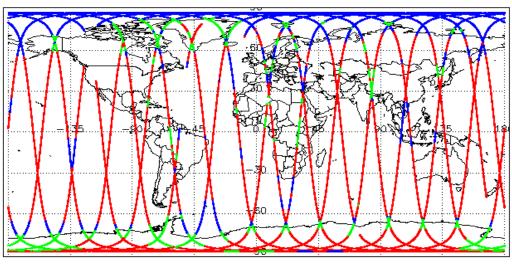
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 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		
09-Apr-2019	None	
10-Apr-2019	None	
11-Apr-2019	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. IOP 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 IOPR 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 products over land, but this is to be expected.

Number of products with errors:

15

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20190410T013455_20190410T020347_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20190410T081127_20190410T082649_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20190410T115233_20190410T115638_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190410T035818_20190410T040027_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190410T120518_20190410T120610_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190410T120653_20190410T121103_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190410T134906_20190410T135006_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190410T152323_20190410T152617_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190410T221031_20190410T221123_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190410T221337_20190410T221458_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190410T083750_20190410T083928_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190410T085135_20190410T085925_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190410T140038_20190410T140147_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190410T151909_20190410T152008_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190410T234805_20190410T235214_C001	Loss of Echo	The tracking echo is missing for one or more records

## 5. IOP 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_IOPM_2_20190409T235522_20190410T002833_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T004516_20190410T005207_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T005221_20190410T011636_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

	1	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T013455_20190410T020347_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190410T022005_20190410T022405_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T022532_20190410T022756_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T025001_20190410T025858_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T030451_20190410T030721_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T030746_20190410T031210_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T031405_20190410T032854_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T033034_20190410T033539_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T040727_20190410T041438_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T041601_20190410T043958_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T044234_20190410T045125_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T045341_20190410T051724_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T055507_20190410T061854_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T062449_20190410T062914_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T063238_20190410T070552_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T072627_20190410T074106_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T074642_20190410T075806_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T080404_20190410T080952_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T081127_20190410T082649_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
		records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T084900_20190410T084952_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T090230_20190410T093707_C001	Ocean Range Averaging Status	records.  The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T094309_20190410T094823_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T095014_20190410T095307_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T095507_20190410T095837_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190410T095933_20190410T100650_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T102539_20190410T102840_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T102848_20190410T102938_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T104232_20190410T105115_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T105402_20190410T111606_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T112317_20190410T112725_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T112930_20190410T114231_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T114419_20190410T115136_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T115233_20190410T115638_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T120420_20190410T120517_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T122252_20190410T125452_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T125641_20190410T130208_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T130949_20190410T131001_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T131310_20190410T132539_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T132604_20190410T134315_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T140455_20190410T141634_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T141838_20190410T143412_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T143608_20190410T144105_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T145013_20190410T145809_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T150705_20190410T151909_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190410T155802 20190410T161303 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190410T161528_20190410T162017_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190410T162042 20190410T162050 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190410T162633 20190410T165017 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOFM_2_201904101102033_201904101103017_C001  CS_OFFL_SIR_IOPM_2_20190410T165021_20190410T170046_C001	Ocean Range Averaging Status  Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_201904101105021_201904101170046_C001  CS_OFFL_SIR_IOPM_2_20190410T172824_20190410T174937_C001	Ocean Range Averaging Status Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_201904101172824_201904101174937_C001  CS_OFFL_SIR_IOPM_2_20190410T174944_20190410T175236_C001	Ocean Range Averaging Status  Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
	2 334	records.

CS_OFFL_SIR_IOPM_2_20190410T175602_20190410T175932_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T175955_20190410T180322_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T180548_20190410T183424_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T190229_20190410T193208_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T193349_20190410T193846_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T194221_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T194547_20190410T195657_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T200233_20190410T202021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T210536_20190410T210658_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T210857_20190410T211152_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T211918_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T212504_20190410T215844_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T221221_20190410T221337_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T230409_20190410T233810_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190410T152700_20190410T152911_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190410T171247_20190410T171321_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190410T222944_20190410T223143_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190410T004249_20190410T004310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190410T035404_20190410T035440_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190410T053005_20190410T053731_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190410T061854_20190410T062034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190410T093707_20190410T093956_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190410T095837_20190410T095933_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190410T230127_20190410T230409_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.

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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_IOPM_2_20190409T235522_20190410T002833_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_IOPM_2_20190410T004516_20190410T005207_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_IOPM_2_20190410T005221_20190410T011636_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_IOPM_2_20190410T013030_20190410T013253_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T013455_20190410T020347_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_IOPM_2_20190410T022005_20190410T022405_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T022532_20190410T022756_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_IOPM_2_20190410T025001_20190410T025858_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_IOPM_2_20190410T030451_20190410T030721_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T030746_20190410T031210_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T031405_20190410T032854_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_IOPM_2_20190410T033034_20190410T033539_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_IOPM_2_20190410T040727_20190410T041438_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_IOPM_2_20190410T041601_20190410T043958_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_IOPM_2_20190410T044234_20190410T045125_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190410T045341_20190410T051724_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_IOPM_2_20190410T055507_20190410T061854_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_IOPM_2_20190410T062449_20190410T062914_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

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C. C. P. S. P. CHILL 2. 2004 DT010 1000 CQ. CHILL 2004 DT010 CQ. CHILL 2004 DT010 1000 CQ. CHI	CS_OFFL_SIR_IOPM_2_20190410T072627_20190410T074106_C001		
© CPT_ BIT_CPT_2_POSITION_COUNTY_DISSINTENDED_	CS_OFFL_SIR_IOPM_2_20190410T074642_20190410T075806_C001	SWH Averaging Status, Ocean	
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COUNT, SIR, OPPL 3, 2010AH INTERACO, 2016AH POTESTAND, COST  SIRO PART, 2016AH 2016AH POTESTAND, CO	CS OFFI SIR IOPM 2 20190410T081127 20190410T082649 C001		The SWH and Ocean Averaging Status Flags have been set for one or
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Secretary According Status. Page 1400 cores of 200 core or	CS_OFFL_SIR_IOPM_2_20190410T094309_20190410T094823_C001		records.
Section   Computer	CS_OFFL_SIR_IOPM_2_20190410T095014_20190410T095307_C001	Backscatter Averaging Status	more records.
Scientify 2,0004107100382,20004107100315,0001 SQL OFFE,BRILOPHE 2,000410710032,201004107100315,0001 SQL OFFE,BRILOPHE 2,0004107100427,201004107100315,0001 SQL OFFE,BRILOPHE 2,0004107100427,201004107110032,000107100315,0001 SQL OFFE,BRILOPHE 2,0004107100427,201004107110032,000107100315,0001 SQL OFFE,BRILOPHE 2,0004107110427,00004107110325,0001 SQL OFFE,BRILOPHE 2,0004107110437,201004107110325,0001 SQL OFFE,BRILOPHE 2,0004107110437,201004107110325,0001 SQL OFFE,BRILOPHE 2,0004107110327,00004107110325,0001 SQL OFFE,BRILOPHE 2,0004107110327,0000410710305,0001 SQL OFFE,BRILOPHE 2,0004107110307,0000410710305,0001 SQL OFFE,BRILOPHE 2,000410710307,0000410710305,0001 SQL OFFE,BRILOPHE 2,000410710305,0001 SQL OFFE,BRILOPHE	CS_OFFL_SIR_IOPM_2_20190410T095933_20190410T100650_C001		
CO. CHE, SRI, DOMA 2. 20104197102292, 20104197102392, 20104197	CS_OFFL_SIR_IOPM_2_20190410T102539_20190410T102840_C001		
Section   Company   Comp	CS_OFFL_SIR_IOPM_2_20190410T102848_20190410T102938_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SS. OFFL. SR. (OPFL. 2.01964/0119402_201984/011420_CO)  SWIM Accepting Status. Accepting Status. For Status and Exception	CS_OFFL_SIR_IOPM_2_20190410T104232_20190410T105115_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_2010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112313_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010410T12313_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112312_0010410T112313_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112313_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112313_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112313_0010  CB_OFF_BIL_OPM_2_2010410T112312_0010410T112313_0010  CB_OFF_BIL_OPM_2_2010410T112313_0010410T14231_0010  CB_OFF_BIL_OPM_2_2010410T112313_0010410T14231_0010  CB_OFF_BIL_OPM_2_2010410T112313_0010410T14231_0010  CB_OFF_BIL_OPM_2_2010410T112313_0010410T14231_0010  CB_OFF_BIL_OPM_2_2010410T112313_0010410T14231_0010  CB_OFF_BIL_OPM_2_2010410T112313_0010410T14231_0010  CB_OFF_BIL_OPM_2_2010410T14231_0010410T14231_0010  CB_OFF_BIL_OPM_2_2010410T14231_0010410T1423	CS OFFL SIR IOPM 2 20190410T105402 20190410T111606 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CO-OFFL. SIR. (DPM 2_2006410711450_2001640711506_COID  Selection of the control o			
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SO, GFE_SR_JOPM_2_20190410713010_2001  SOFE_SR_JOPM_2_20190410713010_20010410713253_ SWH Averaging Status. Ocean Macadater Averaging Status and Coesn Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Macadater Averaging Status Flags have been set for one or more records.  SWH Averaging S	CS OFFL SIR IOPM 2 20190410T130228 20190410T130500 C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
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Backscatter Averaging Status nore records.  CS_OFFL_SIR_IOPM_2_201904107143680_201904107145690_0001  SOFFL_SIR_IOPM_2_20190410714509_0001  SOFFL_SIR_IOPM_2_20190410715090_0010715090_0001  SOFFL_SIR_IOPM_2_20190410715090_0010715090_0001  CS_OFFL_SIR_IOPM_2_20190410716500_20190410716000_0001  CS_OFFL_SIR_IOPM_2_20190410716500_0010716000_0001  CS_OFFL_SIR_IOPM_2_201904107162002_00190410716000_0001  CS_OFFL_SIR_IOPM_2_201904107162002_00190410716000_0001  CS_OFFL_SIR_IOPM_2_201904107162002_00190410716000_0001  CS_OFFL_SIR_IOPM_2_201904107178000_0001  CS_OFFL_SIR_IOPM_2_2019041071780000107180000_0001  CS_OFFL_SIR_IOPM_2_20190410717000001  CS_OFFL_SIR_IOPM_2_20190410717000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20190410T140455_20190410T141634_C001	Backscatter Averaging Status	more records.
The Backscatter Averaging Status records.  Soff-L SIR (DPM 2 20190410T145013 20190410T145009 C001  Soff-L SIR (DPM 2 20190410T150705 20190410T151909 C001  Soff-L SIR (DPM 2 20190410T150705 20190410T161030 C001  Soff-L SIR (DPM 2 20190410T165802 20190410T162007 C001  Soff-L SIR (DPM 2 20190410T16280 C001  Soff-L SIR (DPM 2 20190410T16283 20190410T16200 C001  Soff-L SIR (DPM 2 20190410T16283 20190410T16200 C001  Soff-L SIR (DPM 2 20190410T16202 C001  Soff-L SIR (DPM 2 20190410T16202 C001  Soff-L SIR (DPM 2 20190410T16202 C001)  Soff-L SIR (DPM 2 20190410T172824 C0190410T17280 C001  Soff-L SIR (DPM 2 20190410T172824 C0190410T17280 C001  Soff-L SIR (DPM 2 20190410T17602 C0190410T17580 C001  Soff-L SIR (DPM 2 20190410T17602 C0190410T17580 C001  Soff-L SIR (DPM 2 20190410T17602 C0190410T17580 C001  Soff-L SIR (DPM 2 20190410T17600 C0190410T17680 C001  Soff-L SIR (DPM 2 20190410T17600 C0190410T17680 C001  Soff-L SIR (DPM 2 20190410T17600 C0190410T17680 C001  Soff-L SIR (DPM 2 20190410T17680 C0190410T17680 C001  Soff-L SIR (DPM 2 20190410T17680 C00190410T17680 C001  Soff-L SIR (DPM 2 20190410T17680 C00190410T17680 C001)  Soff-L SIR (DPM 2 20190410T19020 C001)  Soff-L SIR (DPM 2 20190410T19020 C001)  Soff-L SIR (DPM 2 20190410T19020 C001)  Soff-L SIR (DPM 2 20190410T190384 C001  Soff-L SIR (DPM 2 20190410T190384 C001  Soff-L SIR (DPM 2 20190410T190384 C001)  Soff-L SIR (DPM 2 20190410T19038 C001)	CS_OFFL_SIR_IOPM_2_20190410T141838_20190410T143412_C001	0 0 .	
Backscatter Averaging Status  Figs PL SPR_IOPM_2_20190410T15905_20190410T151909_CO01  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  Fine Backscatter Averaging St	CS_OFFL_SIR_IOPM_2_20190410T143608_20190410T144105_C001	Ice Backscatter Averaging Status	
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Synth Averaging Status	CS_OFFL_SIR_IOPM_2_20190410T150705_20190410T151909_C001	SWH Averaging Status, Ocean	
cs_OFFL_SIR_JOPM_2_20190410T162042_20190410T162050_C001  cs_OFFL_SIR_JOPM_2_20190410T162042_20190410T162050_C001  cs_OFFL_SIR_JOPM_2_20190410T162053_20190410T162050_C001  cs_OFFL_SIR_JOPM_2_20190410T162053_20190410T162050_C001  cs_OFFL_SIR_JOPM_2_20190410T162052_20190410T170046_C001  abscascater Averaging Status. Ocean  backscatter Averaging Status Flags have been set for one or more records.  cs_OFFL_SIR_JOPM_2_20190410T172824_20190410T174937_C001  cs_OFFL_SIR_JOPM_2_20190410T174944_20190410T17526_C001  cs_OFFL_SIR_JOPM_2_20190410T17595_20190410T175932_C001  cs_OFFL_SIR_JOPM_2_20190410T17595_20190410T175932_C001  cs_OFFL_SIR_JOPM_2_20190410T180548_20190410T180542_C001  cs_OFFL_SIR_JOPM_2_20190410T180548_20190410T19328_C001  cs_OFFL_SIR_JOPM_2_20190410T190229_20190410T19328_C001  cs_OFFL_SIR_JOPM_2_20190410T190229_20190410T19328_C001  cs_OFFL_SIR_JOPM_2_20190410T190229_20190410T193349_20190410T190229_C001  cs_OFFL_SIR_JOPM_2_20190410T190229_20190410T190228_C001  cs_OFFL_SIR_JOPM_2_20190410T190229_20190410T190228_C001  cs_OFFL_SIR_JOPM_2_20190410T190229_20190410T190228_C001  cs_OFFL_SIR_JOPM_2_20190410T1903349_20190410T190386_C001  cs_OFFL_SIR_JOPM_2_20190410T1903349_20190410T190386_C001  cs_OFFL_SIR_JOPM_2_20190410T1903349_20190410T190203_C001  cs_OFFL_SIR_JOPM_2_20190410T1903349_20190410T190203_C001  cs_OFFL_SIR_JOPM_2_20190410T1903349_20190410T190203_C001  cs_OFFL_SIR_JOPM_2_20190410T1903349_20190410T190203_C001  cs_OFFL_SIR_JOPM_2_20190410T193854_20190410T190203_C001  cs_OFFL_SIR_JOPM_2_20190410T1903349_20190410T190003_C001  cs_OFFL_SIR_JOPM_2_20190410T190003_S0190410T190003_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T120536_C001  cs_OFFL_SIR_JOPM_2_20190410T210536_C001  cs_OFFL_SIR_JOPM_2_20190410T210536_C001  cs_OFFL_SIR_JOPM_2_201904	CS_OFFL_SIR_IOPM_2_20190410T155802_20190410T161303_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Ics_OFFL_SIR_IOPM_2_20190410T162042_20190410T17600T_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Interpolation of the SWH and Ocean Averaging Status Flags have been set for one or more records.  The Interpolation of the SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Interpolation of the SWH and Ocean Averaging Status Flags have been set for one or more records.  The Interpolation of the SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean A	CS OFFL SIR IOPM 2 20190410T161528 20190410T162017 C001	0 0	The Ice Backscatter Averaging Status Flag has been set for one or more
SWH Averaging Status, Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averagi	CS OFFL SIR IOPM 2 20190410T162042 20190410T162050 C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
SWH Averaging Status CS_OFFL_SIR_IOPM_2_20190410T172824_20190410T175236_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20190410T175602_20190410T175236_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20190410T175602_20190410T175932_C001 CS_OFFL_SIR_IOPM_2_20190410T175602_20190410T175932_C001 CS_OFFL_SIR_IOPM_2_20190410T175602_20190410T180322_C001 CS_OFFL_SIR_IOPM_2_20190410T175602_20190410T180322_C001 CS_OFFL_SIR_IOPM_2_20190410T175955_20190410T180322_C001 CS_OFFL_SIR_IOPM_2_20190410T180322_C001 CS_OFFL_SIR_IOPM_2_20190410T180322_C001 CS_OFFL_SIR_IOPM_2_20190410T180322_C001 CS_OFFL_SIR_IOPM_2_20190410T190229_20190410T193286_C001 CS_OFFL_SIR_IOPM_2_20190410T193349_20190410T193286_C001 CS_OFFL_SIR_IOPM_2_20190410T193349_20190410T193286_C001 CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T193286_C001 CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T193286_C001 CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T194221_C001 CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T194221_C001 CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T19657_C001 CS_OFFL_SIR_IOPM_2_20190410T20023_20190410T200201_C001 CS_OFFL_SIR_IOPM_2_20190410T20023_20190410T200201_C001 CS_OFFL_SIR_IOPM_2_20190410T210536_20190410T200201_C001 CS_OFFL_SIR_IOPM_2_20190410T210536_20190410T200201_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21198_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21198_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21198_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21198_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T21349_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T21349_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T21349_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T21349_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T21349_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T21348_C001 CS_OFFL_SIR_IOPM_2_20190410T21349_20190410T21348_C001			
SOFFL_SIR_IOPM_2_20190410T172824_20190410T174837_C001  Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH averaging Status Flags have been set for one or more records.  The SWH averaging Status Flags have been set for one or more records.  The SWH averaging Status Flags have been set for one or more records.  The SWH averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging			
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Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20190410T175602_20190410T17593_C001 lee Backscatter Averaging Status File Backs	CS_OFFL_SIR_IOPM_2_20190410T172824_20190410T174937_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20190410T175955_20190410T180322_C001  Loe Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T180548_20190410T183424_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T190229_20190410T193208_C001  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T19329_20190410T193208_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T193349_20190410T193208_C001  Loe Backscatter Averaging Status  Loe Backscatter Averaging Status  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The Loe Backscatter Averaging Status Flag have been set for one or more records.  The Loe Backscatter Averaging Status Flag has been set for one or more records.  The Loe Backscatter Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T194221_C001  Loe Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T194547_20190410T195657_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T200233_20190410T200201_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T210536_20190410T210658_C001  CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T211918_C001  Loe Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20190410T174944_20190410T175236_C001		more records.
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CS_OFFL_SIR_IOPM_2_20190410T193854_20190410T194221_C001  Ice Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190410T202033_20190410T202021_C001  CS_OFFL_SIR_IOPM_2_20190410T210536_20190410T20658_C001  CS_OFFL_SIR_IOPM_2_20190410T210536_20190410T210658_C001  CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T211918_C001  CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T211918_C001  CS_OFFL_SIR_IOPM_2_20190410T212504_20190410T215844_C001  CS_OFFL_SIR_IOPM_2_20190410T212504_20190410T221337_C001  CS_OFFL_SIR_IOPM_2_20190410T221221_20190410T221337_C001  CS_OFFL_SIR_IOPM_2_20190410T22121337_C001  CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001  CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001  CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001  CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001  CS_OFFL_SIR_IOPM_2_20190410T230409_20190410T233810_C001	CS_OFFL_SIR_IOPM_2_20190410T193349_20190410T193846_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
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Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20190410T210536_20190410T210658_C001  CS_OFFL_SIR_IOPM_2_20190410T211347_20190410T211918_C001  CS_OFFL_SIR_IOPM_2_20190410T212504_20190410T211918_C001  CS_OFFL_SIR_IOPM_2_20190410T212504_20190410T215844_C001  CS_OFFL_SIR_IOPM_2_20190410T2212504_20190410T221337_C001  CS_OFFL_SIR_IOPM_2_20190410T221221_20190410T221337_C001  CS_OFFL_SIR_IOPM_2_20190410T2212121_20190410T221337_C001  CS_OFFL_SIR_IOPM_2_20190410T221343_20190410T225102_C001  CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001  CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.			more records.
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Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001  SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20190410T212504_20190410T215844_C001	Backscatter Averaging Status	
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CS_OFFL_SIR_IOPM_2_20190410T230409_20190410T233810_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or	CS_OFFL_SIR_IOPM_2_20190410T223143_20190410T225102_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Dackscaller Averaging Status Infore records.	CS_OFFL_SIR_IOPM_2_20190410T230409_20190410T233810_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Dackscatter Averaging Status	inde records.

CS_OFFL_SIR_IOPN_2_20190410T171247_20190410T171321_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_IOPN_2_20190410T222944_20190410T223143_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_IOPR_2_20190410T004249_20190410T004310_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_IOPR_2_20190410T035404_20190410T035440_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_IOPR_2_20190410T053005_20190410T053731_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_IOPR_2_20190410T061854_20190410T062034_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_IOPR_2_20190410T093707_20190410T093956_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_IOPR_2_20190410T095837_20190410T095933_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_IOPR_2_20190410T230127_20190410T230409_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. IOP L2 Pole-to-Pole Data Quality Check

#### 6.1 P2P Product Format Check

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

Number of products with errors:

#### 6.2 P2P Product Header Analysis

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

Number of products with errors:

#### 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).

lumber 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	l est Failed	Description
CS_OFFL_SIR_IOP_220190409T234821_20190410T003759_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T003759_20190410T012735_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T012735_20190410T021713_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_IOP_220190410T021713_20190410T030648_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_IOP_220190410T030648_20190410T035626_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_IOP_220190410T035626_20190410T044602_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T044602_20190410T053540_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_IOP_220190410T053540_20190410T062516_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_IOP_220190410T062516_20190410T071453_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_IOP_220190410T071453_20190410T080429_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T080429_20190410T085407_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_IOP_220190410T085407_20190410T094343_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_IOP_220190410T094343_20190410T103321_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_IOP_220190410T103321_20190410T112256_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_IOP_220190410T112256_20190410T121234_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_IOP_220190410T121234_20190410T130210_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_IOP_220190410T130210_20190410T135148_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T135148_20190410T144123_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_IOP_220190410T144123_20190410T153101_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_IOP_220190410T153101_20190410T162037_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_IOP_220190410T162037_20190410T171015_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T171015_20190410T175951_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_IOP_220190410T175951_20190410T184929_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T184929_20190410T193904_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_IOP_220190410T193904_20190410T202842_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_IOP_220190410T202842_20190410T211818_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_IOP_220190410T211818_20190410T220756_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T220756_20190410T225731_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_IOP_220190410T225731_20190410T234709_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_IOP_220190409T234821_20190410T003759_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_IOP_220190410T003759_20190410T012735_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_IOP_220190410T012735_20190410T021713_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_IOP_220190410T021713_20190410T030648_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_IOP_220190410T030648_20190410T035626_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_IOP_220190410T035626_20190410T044602_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_IOP_220190410T044602_20190410T053540_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_IOP_220190410T053540_20190410T062516_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_IOP_220190410T062516_20190410T071453_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_IOP_220190410T071453_20190410T080429_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_IOP_220190410T080429_20190410T085407_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_IOP_220190410T085407_20190410T094343_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_IOP_220190410T094343_20190410T103321_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_IOP_220190410T103321_20190410T112256_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_IOP_220190410T112256_20190410T121234_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_IOP_220190410T121234_20190410T130210_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_IOP_220190410T130210_20190410T135148_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_IOP_220190410T135148_20190410T144123_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_IOP_220190410T144123_20190410T153101_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_IOP_220190410T153101_20190410T162037_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_IOP_220190410T162037_20190410T171015_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_IOP_2_20190410T171015_20190410T175951_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_IOP_2_20190410T175951_20190410T184929_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_IOP_220190410T184929_20190410T193904_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_IOP_220190410T193904_20190410T202842_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_IOP_220190410T202842_20190410T211818_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_IOP_220190410T211818_20190410T220756_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_IOP_220190410T220756_20190410T225731_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_IOP_220190410T225731_20190410T234709_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.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220190409T234821_20190410T003759_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T003759_20190410T012735_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T012735_20190410T021713_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T021713_20190410T030648_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T030648_20190410T035626_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T035626_20190410T044602_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T044602_20190410T053540_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T053540_20190410T062516_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T062516_20190410T071453_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T080429_20190410T085407_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T085407_20190410T094343_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T094343_20190410T103321_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T103321_20190410T112256_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T112256_20190410T121234_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T121234_20190410T130210_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T130210_20190410T135148_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T135148_20190410T144123_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T144123_20190410T153101_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T153101_20190410T162037_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T162037_20190410T171015_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T171015_20190410T175951_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T175951_20190410T184929_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T184929_20190410T193904_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T193904_20190410T202842_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T202842_20190410T211818_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T211818_20190410T220756_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T220756_20190410T225731_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T225731_20190410T234709_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190410T234709_20190411T003645_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.