



## 1. Overview

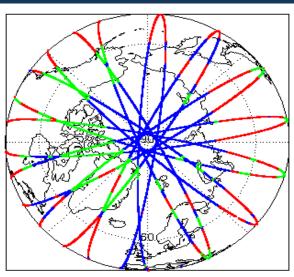
Report Production:	03-Apr-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

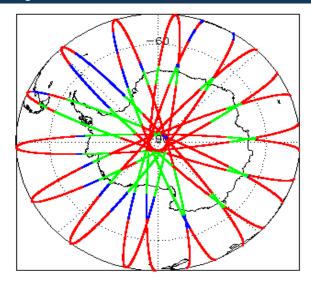
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 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

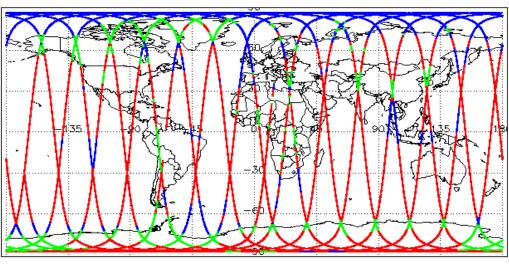
Mission / Instrument News		
02-Mar-2019	None	
03-Mar-2019	None	

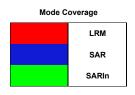
03-Mar-2019 None 04-Mar-2019 Nothing planned

# 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. 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:

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#### 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:

17

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190303T163241_20190303T164212_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190303T173238_20190303T173748_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190303T212952_20190303T213546_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T030520_20190303T030942_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T044417_20190303T044528_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T044657_20190303T044920_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T052608_20190303T052954_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T062615_20190303T062801_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T075715_20190303T075732_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T110411_20190303T110612_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T111604_20190303T111654_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T161038_20190303T161542_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190303T210342_20190303T210941_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190303T034307_20190303T034902_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190303T124850_20190303T125326_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190303T125709_20190303T130717_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190303T174657_20190303T175018_C001	Loss of Echo	The tracking echo is missing for one or more records

## 5. GOP Level 2 Data Quality Check

## 5.1 L2 Product Format Check

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

Number of products with errors:

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

0

#### 5.3 L2 Auxiliary Data File Usage Check

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

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:

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### 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

0

### 5.6 L2 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.

Number of products with errors:

83

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190303T000900_20190303T002849_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

	l	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T003015_20190303T003525_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T004042_20190303T011540_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190303T013958_20190303T014432_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T014515_20190303T020250_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T020544_20190303T020735_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T022120_20190303T025059_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T031021_20190303T032848_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T032940_20190303T034307_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T035138_20190303T035336_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T035458_20190303T035838_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T040017_20190303T041558_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T041800_20190303T042721_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T044529_20190303T044657_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T045045_20190303T045127_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T045517_20190303T050640_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T052250_20190303T052404_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T052954_20190303T053303_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T053931_20190303T055501_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T063257_20190303T070547_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T070812_20190303T071027_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T071037_20190303T071633_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T071847_20190303T074455_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T081600_20190303T082720_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_GOPM_2_20190303T083255_20190303T084431_C001	Ocean Range Averaging Status	records.  The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T085023_20190303T085441_C001	Ice Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T085734_20190303T092434_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T095031_20190303T100633_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T100820_20190303T102336_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T103635_20190303T104256_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T111411_20190303T111525_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T112845_20190303T120318_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T120837_20190303T121349_C001	Ice Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T121533_20190303T123529_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190303T130717_20190303T134110_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T134619_20190303T134837_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T134843_20190303T135255_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T135452_20190303T142324_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T142347_20190303T143116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T143333_20190303T143514_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T144904_20190303T145811_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T150454_20190303T152039_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T152215_20190303T152735_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T152741_20190303T152748_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T152754_20190303T153000_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T153506_20190303T153519_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T153850_20190303T155110_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T155314_20190303T160510_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T160748_20190303T160944_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T163241_20190303T164212_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T164414_20190303T165945_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T170141_20190303T170636_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
	I	records.

CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170646_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T170653_20190303T170704_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T171439_20190303T171702_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T173823_20190303T174535_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T201958_20190303T202503_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T202522_20190303T202847_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T203106_20190303T204317_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T204851_20190303T205845_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T205921_20190303T210342_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T213550_20190303T215807_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T215938_20190303T220417_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T221025_20190303T224535_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T232944_20190303T233228_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T233428_20190303T233735_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T233921_20190303T234443_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T235015_20190304T001250_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190303T053740_20190303T053925_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190303T175018_20190303T175427_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190303T055502_20190303T055955_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190303T075732_20190303T075833_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190303T100633_20190303T100820_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190303T120318_20190303T120519_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190303T135403_20190303T135452_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190303T215807_20190303T215814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190303T233736_20190303T233755_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_20190303T000900_20190303T002849_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_20190303T003015_20190303T003525_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T004042_20190303T011540_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_20190303T014515_20190303T020250_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_20190303T020544_20190303T020735_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_20190303T022120_20190303T025059_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_20190303T031021_20190303T032848_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_20190303T032940_20190303T034307_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_20190303T035458_20190303T035838_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T040017_20190303T041558_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_20190303T041800_20190303T042721_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_20190303T045045_20190303T045127_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

So OFFL. SIN GOMP 2 20100000110000 201900000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 20190000110000 201900000110000 201900000110000 201900000110000 201900000110000 201900000110000 201900000110000 201900000110000 201900000110000 2019000000110000 20190000000000			
Conference of Co	CS_OFFL_SIR_GOPM_2_20190303T045517_20190303T050640_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
So CHIL SIR COPIL 201000001700017 201000001700017 001000  SO CHIL SIR COPIL 201000001700017 001000001700017 00100000000	CS_OFFL_SIR_GOPM_2_20190303T052954_20190303T053303_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFF_SIR_GOPM_2_20193020710450_2019   CS OFF_SIR_GOPM_2_20193020710472_20193020710450_0019   CS OFF_SIR_GOPM_2_20193020710472_20193020710450_0019   CS OFF_SIR_GOPM_2_20193020710472_20193020710450_0019   CS OFF_SIR_GOPM_2_20193020710402_20193020710450_0019   CS OFF_SIR_GOPM_2_20193020710402_20193020710450_0019   CS OFF_SIR_GOPM_2_20193020710402_20193020710450_0019   CS OFF_SIR_GOPM_2_20193020710402_20193020710402_0019   CS OFF_SIR_GOPM_2_20193020710402_00193020710	CS_OFFL_SIR_GOPM_2_20190303T053305_20190303T053739_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
GS_CPF_BIR_COPM2_2010000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190303T053931_20190303T055501_C001		The SWH and Ocean Averaging Status Flags have been set for one or
Secretary Averaging Status. People 2, 291002051701937, 291002051701932, CODI   Secretary Averaging Status. People Status. People People People Status. People People People Status. People People People Status. People People People People Status. People People People People People Status. People People People People People Status. People People People People Status. Pe	S OFFI SIR GOPM 2 20190303T063257 20190303T070547 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Set OFFL, SIR, COPM 2, 201900000000000000000000000000000000000			more records.  The Ice Backscatter Averaging Status Flag has been set for one or more
Secked Memory 2 (1990) 1990 (1		~ ~	
Backscatter Averaging Status Flogs have been set for complete to the control of the complete to the complete t	:S_OFFL_SIR_GOPM_2_201903031071847_201903031074455_C001	Backscatter Averaging Status	more records.
S. OFFL. SR. GOPM 2. 201900031100303 2019003031100303 C001003031100303 C001003031100300 C001003031100303 C00	S_OFFL_SIR_GOPM_2_20190303T081600_20190303T082720_C001	Backscatter Averaging Status	more records.
CS_CFFL_SR_COPM_2_201900037190032_000003719003_0001  SC_CFFL_SR_COPM_2_20190003719003_000100331_00003_0001  SC_CFFL_SR_COPM_2_20190003719003_000100331_00003_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037110035_00010030710035_0001  SC_CFFL_SR_COPM_2_201900037130710_00003710035_0001  SC_CFFL_SR_COPM_2_201900037130710_00003710035_0001  SC_CFFL_SR_COPM_2_201900037130710_000037130710_00003710035_0001  SC_CFFL_SR_COPM_2_201900037130710_00003713071000037130710_000037130710_000037130710_000037130710_000037130710_000037130710_000037130710_000037130710_000037130710_00003713071000	S_OFFL_SIR_GOPM_2_20190303T083255_20190303T084431_C001		more records.
S. OFFL. Six. GOPM. 2. 201903031190331 (201933). 20190333119031 (20193). 2019033119033 (20193). 2019033119033 (20193). 20190333119033 (20193). 2019033311903 (20	CS_OFFL_SIR_GOPM_2_20190303T085023_20190303T085441_C001	Ice Backscatter Averaging Status	records.
Societable Averaging Status  Fig. GPFL_SIR_GOM_2_201903037110035_201903037110256_C001  SOFFL_SIR_GOM_2_201903037111411_201903037111255_C001  SOFFL_SIR_GOM_2_201903037112456_20190303712356_C001  SOFFL_SIR_GOM_2_201903037112456_20190303712356_C001  SOFFL_SIR_GOM_2_201903037112456_20190303712356_C001  SOFFL_SIR_GOM_2_201903037112456_20190303712356_C001  SOFFL_SIR_GOM_2_201903037112456_20190303712356_C001  SOFFL_SIR_GOM_2_201903037112456_20190303712355_C001  SOFFL_SIR_GOM_2_20190303713977_201903037139410_C001  SOFFL_SIR_GOM_2_201903037139402_201903037139410_C001  SOFFL_SIR_GOM_2_201903037139402_20190303714004_C001  SOFFL_SIR_GOM_2_201903037139404_C0190303714004_C001  SOFFL_SIR_GOM_2_201903037139404_C0190303714004_C001  SOFFL_SIR_GOM_2_201903037139404_C0190303714004_C001  SOFFL_SIR_GOM_2_20190303715044_C0190303716004_C001  SOFFL_SIR_GOM_2_20190303715044_C0190303716004_C001  SOFFL_SIR_GOM_2_20190303717044_C001  SOFFL_SIR_GOM_2_20190303717040_C001  SOFFL_SIR_GOM_2_201903037170704_C001  SOFFL_SIR_GOM_2_201903037170704_C001	S_OFFL_SIR_GOPM_2_20190303T085734_20190303T092434_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
SyffL.SRI, GOPM_2_20190303110335_2019033110236_0001	S_OFFL_SIR_GOPM_2_20190303T095031_20190303T100633_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
SWH Awraging Status Coarse	CS_OFFL_SIR_GOPM_2_20190303T100820_20190303T102336_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or more records.
SWH Awaraging Status, Cosan Swh Awaraging Status Flags have been set for one records.    SWH Awaraging Status, Cosan SWH Awaraging Status, Cosan Swh Awaraging Status Flags have been set for one records. SWH Awaraging Status	CS_OFFL_SIR_GOPM_2_20190303T103635_20190303T104256_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Secretary Computer (1998) and the computer (1998) and the computer (1998) and the computer (1998) and the computer (1998) and (1998)	CS OFFL SIR GOPM 2 20190303T111411 20190303T111525 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190303T12937_20190303T12134BC_COOI  CS_OFFL_SIR_GOPM_2_20190303T12937_20190303T123555_COOI  CS_OFFL_SIR_GOPM_2_20190303T134942_20190303T134557_COOI  CS_OFFL_SIR_GOPM_2_20190303T134942_20190303T134555_COOI  CS_OFFL_SIR_GOPM_2_20190303T134942_20190303T134550_COOI  CS_OFFL_SIR_GOPM_2_20190303T134943_20190303T134550_COOI  CS_OFFL_SIR_GOPM_2_20190303T134943_20190303T135555_COOI  CS_OFFL_SIR_GOPM_2_20190303T134943_20190303T135555_COOI  CS_OFFL_SIR_GOPM_2_20190303T134943_20190303T135555_COOI  CS_OFFL_SIR_GOPM_2_20190303T134943_20190303T135555_COOI  CS_OFFL_SIR_GOPM_2_20190303T134943_20190303T135555_COOI  CS_OFFL_SIR_GOPM_2_20190303T134943_20190303T135555_COOI  CS_OFFL_SIR_GOPM_2_20190303T135502_COOI  CS_OFFL_SIR_GOPM_2_20190303T135502_COOI  CS_OFFL_SIR_GOPM_2_20190303T135502_COOI  CS_OFFL_SIR_GOPM_2_20190303T135502_COOI  CS_OFFL_SIR_GOPM_2_20190303T135502_COOI  CS_OFFL_SIR_GOPM_2_20190303T135502_COOI  CS_OFFL_SIR_GOPM_2_20190303T135502_COOI  CS_OFFL_SIR_GOPM_2_20190303T155034_20190303T1355350_COOI  CS_OFFL_SIR_GOPM_2_20190303T155034_20190303T1355350_COOI  CS_OFFL_SIR_GOPM_2_20190303T155032_COOI  CS_OFFL_SIR_GOPM_2_20190303T155030_COOI  CS_OFFL_SIR_GOPM_2_20190303T155030_COOI  CS_OFFL_SIR_GOPM_2_20190303T155030_COOI  CS_OFFL_SIR_GOPM_2_20190303T155030_COOI  CS_OFFL_SIR_GOPM_2_20190303T155030_COOI  CS_OFFL_SIR_GOPM_2_20190303T150303T16000_COOI  CS_OFFL_SIR_GOPM_2_20190303T160003T16000_COOI  CS_OFFL_SIR_GOPM_2_20190303T160003T16000_COOI  CS_OFFL_SIR_GOPM_2_20190303T160003T16000_COOI  CS_OFFL_SIR_GOPM_2_20190303T160003T1600000000000000000000000000		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL SIR, GOPM 2 20190303T143052 2019003T143512 C001  SOFFL SIR, GOPM 2 20190303T130454 20190303T143515 C001  SOFFL SIR, GOPM 2 20190303T134642 20190303T143516 C001  SOFFL SIR, GOPM 2 20190303T143645 20190303T14516 C001  SOFFL SIR, GOPM 2 20190303T14646 20190303T14516 C001  SOFFL SIR, GOPM 2 20190303T14064 20190303T14516 C001  SOFFL SIR, GOPM 2 20190303T16045 20190303T15278 C001  SOFFL SIR, GOPM 2 20190303T16045 20190303T16045 C001  SOFFL SIR, GOPM 2 20190303T16045 20190303T16046 C001  SOFFL SIR, GOPM 2 20190303T16045 20190303T16046 C001  SOFFL SIR, GOPM 2 20190303T16048 C001  SOFFL SIR, GOPM 2 20190303T17040 C010  SOFFL S			The Ice Backscatter Averaging Status Flag has been set for one or more
GS_OFFL_SIR_GOPM_2_201903031132153_30_11303031134310_C001  SO_OFFL_SIR_GOPM_2_201903031134410_20190303113435_C001  GS_OFFL_SIR_GOPM_2_201903031134410_20190303113255_C001  Ioo Backscatter Averaging Status  Fine SWH and Ocean Averaging Status Fine SWH and Ocean Averaging Status  Fine SWH and Ocean Averaging Status Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine Fine SWH averaging Status  Fine SWH and Ocean Averaging Status Fine Fine Fine SWH Averaging Status  Fine SWH and Ocean Averaging Status Fine Fine Fine SWH Averaging Status  Fine SWH		, ,	records. The SWH and Ocean Averaging Status Flags have been set for one or
GS_OFFL_SIR_GOPM_2_20190303113401_201903031134837_C001  GS_OFFL_SIR_GOPM_2_20190303113461_201903031134837_C001  GS_OFFL_SIR_GOPM_2_20190303113463_20190303113255_C001  GS_OFFL_SIR_GOPM_2_20190303113463_20190303113255_C001  GS_OFFL_SIR_GOPM_2_20190303113430_20190303113216_C001  GS_OFFL_SIR_GOPM_2_20190303113333_20190303114316_C001  GS_OFFL_SIR_GOPM_2_20190303113333_20190303114316_C001  GS_OFFL_SIR_GOPM_2_20190303113333_20190303113514_C001  GS_OFFL_SIR_GOPM_2_20190303113333_20190303113514_C001  GS_OFFL_SIR_GOPM_2_20190303113333_201903031135314_C001  GS_OFFL_SIR_GOPM_2_20190303115255_C001  GS_OFFL_SIR_GOPM_2_20190303115255_C001  GS_OFFL_SIR_GOPM_2_20190303115255_C001  GS_OFFL_SIR_GOPM_2_20190303115256_201903031150044_C001  GS_OFFL_SIR_GOPM_2_201903031160748_201903031160044_C001  GS_OFFL_SIR_GOPM_2_201903031160748_201903031160044_C001  GS_OFFL_SIR_GOPM_2_201903031170741_20190303117004_C001  GS_OFFL_SIR_GOPM_2_201903031170035_20190303117004_C001  GS_OFFL_SIR_GOPM_2_20190303		Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20190303T134842_20190303T142324_C001  CS_OFFL_SIR_GOPM_2_20190303T1434842_20190303T142324_C001  CS_OFFL_SIR_GOPM_2_20190303T142347_20190303T143116_C001  CS_OFFL_SIR_GOPM_2_20190303T142347_20190303T143116_C001  CS_OFFL_SIR_GOPM_2_20190303T142347_20190303T143514_C001  CS_OFFL_SIR_GOPM_2_20190303T143332_20190303T143514_C001  CS_OFFL_SIR_GOPM_2_20190303T143332_20190303T143514_C001  CS_OFFL_SIR_GOPM_2_20190303T143332_20190303T143514_C001  CS_OFFL_SIR_GOPM_2_20190303T143332_20190303T143514_C001  CS_OFFL_SIR_GOPM_2_20190303T143332_20190303T143514_C001  CS_OFFL_SIR_GOPM_2_20190303T143332_20190303T152039_C001  CS_OFFL_SIR_GOPM_2_20190303T15215_20190303T152735_C001  CS_OFFL_SIR_GOPM_2_20190303T15241_20190303T152735_C001  CS_OFFL_SIR_GOPM_2_20190303T15241_20190303T152735_C001  CS_OFFL_SIR_GOPM_2_20190303T15241_20190303T152735_C001  CS_OFFL_SIR_GOPM_2_20190303T15241_20190303T152735_C001  CS_OFFL_SIR_GOPM_2_20190303T15241_20190303T152735_C001  CS_OFFL_SIR_GOPM_2_20190303T15034_20190303T150510_C001  CS_OFFL_SIR_GOPM_2_20190303T15034_20190303T160510_C001  CS_OFFL_SIR_GOPM_2_20190303T160742_C001  CS_OFFL_SIR_GOPM_2_20190303T160742_20190303T160742_C001  CS_OFFL_SIR_GOPM_2_20190303T170414_20190303T170636_C001  CS_OFFL_SIR_GOPM_2_20190303T170414_20190303T170650_C001  CS_OFFL_SIR_GOPM_2_20190303T170439_20190303T170650_C001  CS_OFFL_SIR_GOPM_		Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20190303T143242_20190303T143242_001  SWH Averaging Status. Ocean more records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  SWH Averaging Status. Ocean SWH Averaging Status Flags have been set for one records.  SWH Averaging Status. Ocean The SWH and Ocean Averaging Status Flags have been set for one records.  SWH Averaging Status. Ocean The SWH and Ocean Averaging Status Flags have been set for one records.  SWH Averaging Status. Ocean The SWH and Ocean Averaging Status Flags have been set for one records.  SWH Averaging Status. Ocean The SWH and Ocean Averaging Status Flags ha	;S_OFFL_SIR_GOPM_2_20190303T134619_20190303T134837_C001	Ice Backscatter Averaging Status	records.
GS OFFL_SIR_GOPM_2_201903037142347_201903037142346_COU1  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status Flag has been set for one records.  SWH Averaging Status Flag has been set for one records.  SWH Averaging Status Flag has been set for one records.  SWH Averaging Status Flag flag flag flag flag flag flag flag f	:S_OFFL_SIR_GOPM_2_20190303T134843_20190303T135255_C001		records.
Backscater Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T14393_20190303T14514_C001  CS_OFFL_SIR_GOPM_2_20190303T144904_20190303T14514_C001  SWH Averaging Status, Cosan Backscater Averaging Status Flags have been set for one records.  CS_OFFL_SIR_GOPM_2_20190303T152045_20190303T15203_C001  CS_OFFL_SIR_GOPM_2_20190303T152045_20190303T152748_C001  CS_OFFL_SIR_GOPM_2_20190303T152741_20190303T152748_C001  CS_OFFL_SIR_GOPM_2_20190303T153506_20190303T15519_C001  CS_OFFL_SIR_GOPM_2_20190303T153504_20190303T16510_C001  CS_OFFL_SIR_GOPM_2_20190303T163241_20190303T16510_C001  CS_OFFL_SIR_GOPM_2_20190303T163241_20190303T160510_C001  CS_OFFL_SIR_GOPM_2_20190303T163241_20190303T160540_C001  CS_OFFL_SIR_GOPM_2_20190303T160748_20190303T160560_C001  CS_OFFL_SIR_GOPM_2_20190303T170633_20190303T170646_C001  CS_OFFL_SIR_GOPM_2_20190303T17063_20190303T170640_C001  CS_OFFL_SIR_GOPM_2_20190303T170338_20190303T170640_C001  CS_OFFL_SIR_GOPM_2_20190303T170338_20190303T1702C_C001  CS_OFFL_SIR_GOPM_2_20190303T170338_20190303T1703C7_C001  CS_OFFL_SIR_GOPM_2_20190303T1703C7_C001  CS_OFFL_SIR_GOPM_2_20190303T1703C7_C001  CS_OFFL_SIR_GOPM_2_20190303T1703C7_C001  CS_OFFL_SIR_GOPM_2_20190303T1703C7_C001  C	:S_OFFL_SIR_GOPM_2_20190303T135452_20190303T142324_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20190303T144904_20190303T15203_CO01  SWH Averaging Status Cosan Backscatter Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The Backscatter Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The Backscatter Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The Idea averaging Status Flags have been set for one records.  The Idea averaging Status Flags have been set for one records.  The Idea averaging Status Flags have been set for one records.  SWH Averaging Status Flags ha	S_OFFL_SIR_GOPM_2_20190303T142347_20190303T143116_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
Backscatter Averaging Status   So. FFL_SIR_GOPM_2_20190303T150454_20190303T152039_C001   Backscatter Averaging Status   So. FFL_SIR_GOPM_2_20190303T152741_20190303T152735_C001   Backscatter Averaging Status   Backscat	CS_OFFL_SIR_GOPM_2_20190303T143333_20190303T143514_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T152215_20190303T152735_CO01  CS_OFFL_SIR_GOPM_2_20190303T15274_20190303T152748_CO01  CS_OFFL_SIR_GOPM_2_20190303T15274_20190303T152748_CO01  CS_OFFL_SIR_GOPM_2_20190303T153566_20190303T153519_CO01  SWH Averaging Status  SWH SWH Averaging Status  SWH SWH Averaging Status  SWH SWH Averaging Status  SWH SWH SWH AWERAGING STATUS  SWH SWH SWH AWERAGING STATUS  SWH Averaging Status  SWH SWH SWH AWERAGING STATUS  The Ice Backscatter Averaging Status Flag has been set for one records.  The Ice Backscatter Averaging Status  SWH Averaging Status  SWH	CS_OFFL_SIR_GOPM_2_20190303T144904_20190303T145811_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T15274_20190303T152748_C001  CS_OFFL_SIR_GOPM_2_20190303T152741_20190303T152748_C001  CS_OFFL_SIR_GOPM_2_20190303T153506_20190303T153519_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging	CS_OFFL_SIR_GOPM_2_20190303T150454_20190303T152039_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T152741_20190303T152748_C001  CS_OFFL_SIR_GOPM_2_20190303T153506_20190303T153519_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  CS_OFFL_SIR_GOPM_2_20190303T17041_20190303T170636_C001  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170646_C001  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T17064C001  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170627_C001  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170702_C001  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T177455_C001  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T17348_C001  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one records.  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T18215_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T18215_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T18215_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303	CS_OFFL_SIR_GOPM_2_20190303T152215_20190303T152735_C001		The Ice Backscatter Averaging Status Flag has been set for one or more records.
SWH Averaging Status Coean Backscatter Averaging Status SWH Averaging St	CS_OFFL_SIR_GOPM_2_20190303T152741_20190303T152748_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T160748_20190303T160944_C001  CS_OFFL_SIR_GOPM_2_20190303T1603241_20190303T160944_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flag has been set for one records.  The Ide Backscatter Averaging Status Flag has been set for one records.  The Ide Backscatter Averaging Status Flag has been set for one records.  The Ide Backscatter Averaging Status Flag has been set for one records.  The Ide Backscatter Averaging Status Flag has been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags have been set for one records.  The Ide Backscatter Averaging Status Flags hav	CS_OFFL_SIR_GOPM_2_20190303T153506_20190303T153519_C001		The SWH and Ocean Averaging Status Flags have been set for one or
SWH Averaging Status, Ocean Backscatter Averaging Status (CS_OFFL_SIR_GOPM_2_20190303T163241_20190303T164212_C001)  SWH Averaging Status (CS_OFFL_SIR_GOPM_2_20190303T163241_20190303T164212_C001)  SWH Averaging Status (CS_OFFL_SIR_GOPM_2_20190303T164414_20190303T165945_C001)  Backscatter Averaging Status (CS_OFFL_SIR_GOPM_2_20190303T1704141_20190303T170636_C001)  Loe Backscatter Averaging Status  Loe Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170646_C001  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170640_C001  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T17063_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T177074_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173555_C001  CS_OFFL_SIR_GOPM_2_20190303T18215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T18215_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T104841_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T104841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T104841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T104841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T104841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T104841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T104841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T10481_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T10481_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_	CS_OFFL_SIR_GOPM_2_20190303T155314_20190303T160510_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190303T163241_20190303T165945_CO01  CS_OFFL_SIR_GOPM_2_20190303T164414_20190303T165945_CO01  CS_OFFL_SIR_GOPM_2_20190303T170141_20190303T170636_CO01  CS_OFFL_SIR_GOPM_2_20190303T170141_20190303T170636_CO01  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170646_CO01  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170704_CO01  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170704_CO01  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170704_CO01  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170704_CO01  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T1702001  CS_OFFL_SIR_GOPM_2_20190303T174439_20190303T171702_CO01  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_CO01  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_CO01  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173525_CO01  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T174535_CO01  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T174535_CO01  CS_OFFL_SIR_GOPM_2_20190303T184052_CO01  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_CO01  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_CO01  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_CO01  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T192655_CO01  CS_OFFL_SIR_GO	CS OFFL SIR GOPM 2 20190303T160748 20190303T160944 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190303T164414_20190303T165945_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T1701639_20190303T1770646_C001  Loe Backscatter Averaging Status  Loe Backscatter Averaging Status  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  The loe Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flag have been set for one records.  SWH Averaging Status Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Ocean Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set for one records.  SWH Averaging Status Flags have been set	CS OFFL SIR GOPM 2 20190303T163241 20190303T164212 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190303T170141_20190303T170636_C001  CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170646_C001  CS_OFFL_SIR_GOPM_2_20190303T170653_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T174439_20190303T170702_C001  CS_OFFL_SIR_GOPM_2_20190303T174439_20190303T171702_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T1771702_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173525_C001  CS_OFFL_SIR_GOPM_2_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T1848602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_		SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190303T170639_20190303T170646_C001  CS_OFFL_SIR_GOPM_2_20190303T170653_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T171439_20190303T171702_C001  CS_OFFL_SIR_GOPM_2_20190303T171439_20190303T171702_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T174535_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T192655_C001		3 0	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T170653_20190303T170704_C001  CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T171439_20190303T170702_C001  CS_OFFL_SIR_GOPM_2_20190303T171439_20190303T170702_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173823_20190303T174535_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T182155_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001			
CS_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001  CS_OFFL_SIR_GOPM_2_20190303T171439_20190303T171702_C001  CS_OFFL_SIR_GOPM_2_20190303T171439_20190303T171702_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173823_20190303T17355_C001  CS_OFFL_SIR_GOPM_2_20190303T173823_20190303T173825_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T182155_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T195158_20190303T201841_C001			records.
CS_OFFL_SIR_GOPM_2_20190303T17439_20190303T177328_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T17355_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T182155_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T195158_20190303T201841_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T195158_20190303T201841_C001	S_OFFL_SIR_GOPM_2_20190303T170653_20190303T170704_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001  CS_OFFL_SIR_GOPM_2_20190303T173823_20190303T174535_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.	:S_OFFL_SIR_GOPM_2_20190303T170710_20190303T170827_C001		records.
CS_OFFL_SIR_GOPM_2_20190303T173238_20190303T174535_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one records.  The Ice Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status  The Ice Backscatter Averaging Status Flags have been set for one records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one records.	:S_OFFL_SIR_GOPM_2_20190303T171439_20190303T171702_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status more records.  CS_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001  CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T184602_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.	S_OFFL_SIR_GOPM_2_20190303T173238_20190303T173748_C001	Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one records.  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.	CS_OFFL_SIR_GOPM_2_20190303T173823_20190303T174535_C001		
CS_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001  Ice Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The Ice Backscatter Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.  The SWH and Ocean Averaging Status Flags have been set for one records.	S_OFFL_SIR_GOPM_2_20190303T182215_20190303T183859_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for omore records.  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Flags have been set for omore records.	:S_OFFL_SIR_GOPM_2_20190303T184125_20190303T184602_C001		The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for of more records.	:S_OFFL_SIR_GOPM_2_20190303T185155_20190303T192655_C001		The SWH and Ocean Averaging Status Flags have been set for one or
	CS_OFFL_SIR_GOPM_2_20190303T195158_20190303T201841_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190303T201958_20190303T202503_C001	CS_OFFL_SIR_GOPM_2_20190303T201958_20190303T202503_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T202522_20190303T202847_C001   Ice Backscatter Averaging Status Flag has been set for one		Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190303T203106_20190303T204317_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Dackscatter Averaging Status Information February Status Flags have been set for company Status		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_CORM_2_201002037205021_201002037210342_C004  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for or		SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.  SWH Averaging Status Ocean Averaging Status Flags have been set for or			
Backscatter Averaging Status more records.  The Ice Backscatter Averaging Status Elegaber been set for one.		Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20190303T215938_20190303T220417_C001   Ice Backscatter Averaging Status   records.	;s_UFFL_SIR_GUPM_2_20190303T215938_20190303T220417_C001	Ice Backscatter Averaging Status	

CS_OFFL_SIR_GOPM_2_20190303T221025_20190303T224535_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_20190303T225846_20190303T230026_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_20190303T232944_20190303T233228_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_20190303T233428_20190303T233735_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_20190303T233921_20190303T234443_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190303T235015_20190304T001250_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_20190303T053740_20190303T053925_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_20190303T175018_20190303T175427_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_20190303T055502_20190303T055955_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_20190303T075732_20190303T075833_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_20190303T100633_20190303T100820_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_20190303T120318_20190303T120519_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_20190303T135403_20190303T135452_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_20190303T215807_20190303T215814_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_20190303T233736_20190303T233755_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:

#### 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.

umber 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).

55

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_2_20190302T234502_20190303T003442_C002	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_20190303T003442_20190303T012416_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190303T012416_20190303T021355_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_20190303T021355_20190303T030329_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_20190303T030329_20190303T035309_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_20190303T035309_20190303T044243_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_20190303T044243_20190303T053222_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_20190303T053222_20190303T062156_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190303T062156_20190303T071136_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_220190303T071136_20190303T080110_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_20190303T080110_20190303T085050_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_220190303T085050_20190303T094024_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_220190303T094024_20190303T103003_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_220190303T103003_20190303T111937_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_220190303T111937_20190303T120917_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190303T120917_20190303T125851_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190303T125851_20190303T134830_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_220190303T134830_20190303T143804_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_220190303T143804_20190303T152744_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_220190303T152744_20190303T161718_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_220190303T161718_20190303T170657_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_220190303T170657_20190303T175631_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190303T175631_20190303T184611_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_220190303T184611_20190303T193545_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_220190303T193545_20190303T202525_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_220190303T202525_20190303T211459_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190303T211459_20190303T220438_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_220190303T220438_20190303T225412_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_20190303T225412_20190303T234352_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_20190303T234352_20190304T003326_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_220190302T234502_20190303T003442_C002	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_20190303T003442_20190303T012416_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_220190303T012416_20190303T021355_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_220190303T021355_20190303T030329_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_220190303T030329_20190303T035309_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_220190303T035309_20190303T044243_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_220190303T044243_20190303T053222_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_220190303T053222_20190303T062156_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_220190303T062156_20190303T071136_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_220190303T071136_20190303T080110_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_220190303T080110_20190303T085050_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_220190303T085050_20190303T094024_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_220190303T094024_20190303T103003_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_220190303T103003_20190303T111937_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_220190303T111937_20190303T120917_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_20190303T120917_20190303T125851_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_20190303T125851_20190303T134830_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_20190303T134830_20190303T143804_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_20190303T143804_20190303T152744_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_20190303T152744_20190303T161718_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_20190303T161718_20190303T170657_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_20190303T170657_20190303T175631_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_20190303T175631_20190303T184611_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_20190303T184611_20190303T193545_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_20190303T193545_20190303T202525_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_20190303T202525_20190303T211459_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_20190303T211459_20190303T220438_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_20190303T220438_20190303T225412_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_20190303T225412_20190303T234352_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_20190303T234352_20190304T003326_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.

Test Failed	Description
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 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.
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Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
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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