



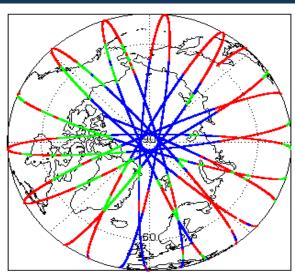
## 1. Overview

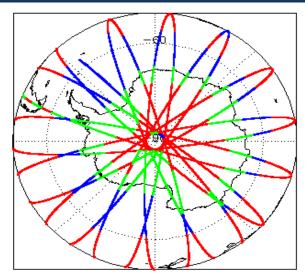
Report Production:	17-Oct-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

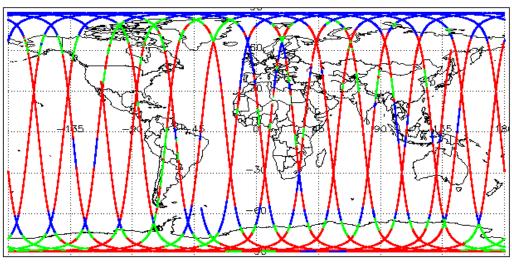
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
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

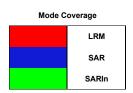
Mission / Instrument News		
15-Sep-2018		
16-Sep-2018	None	
17-Sep-2018	Nothing planned	

# 2. Global Coverage









## 3. Instrument Configuration

The SIRAL instrument configuration for the day of acquisition is provided below.

SIRAL instrument(s) in use: SIRAL - A

## 4. GOP Level 1B Data Quality Check

## 4.1 L1B Product Format Check

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

Number of products with errors:

0

### 4.2 L1B Product Header Analysis

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

#### 4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

2

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180916T143242_20180916T144005_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20180916T174838_20180916T174842_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180916T001831_20180916T003316_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180916T082011_20180916T082015_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180916T131150_20180916T132931_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180916T232543_20180916T232713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180916T012658_20180916T012911_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180916T103714_20180916T104239_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180916T130708_20180916T130819_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180916T180830_20180916T181312_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180916T193913_20180916T193943_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T030735_20180916T031255_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T035015_20180916T035326_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T062323_20180916T063102_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T080242_20180916T080905_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T081422_20180916T081752_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T170618_20180916T170844_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T192715_20180916T192753_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T193943_20180916T194731_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T211009_20180916T211141_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180916T211141_20180916T211616_C001	Loss of Echo	The tracking echo is missing for one or more records

### 5. GOP Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

#### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors: 0

### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

## 5.5 L2 Measurement Confidence Data Check

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180916T143242_20180916T144005_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20180916T174838_20180916T174842_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

### 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:

82

		I
Product  CS_OFFL_SIR_GOPM_2_20180915T235729_20180916T001655_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180916T001831_20180916T003316_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180916T003600_20180916T004103_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180916T005032_20180916T010041_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180916T010701_20180916T012258_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20180916T012559 20180916T012652 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180916T013607_20180916T015226_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180916T015409_20180916T015652_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T015831_20180916T021151_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T022056_20180916T022200_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T022815_20180916T025038_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T025126_20180916T030338_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T032954_20180916T035015_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T035558_20180916T035931_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T035938_20180916T035947_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T035953_20180916T040313_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T040656_20180916T043447_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T045251_20180916T045315_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T050524_20180916T053007_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T053340_20180916T053845_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T054625_20180916T055650_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T060228_20180916T061949_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T063150_20180916T063902_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T064219_20180916T064724_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T070530_20180916T070912_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T071339_20180916T071917_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T072024_20180916T072118_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T072657_20180916T075915_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T080119_20180916T080153_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T081123_20180916T081315_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T083150_20180916T084731_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T085302_20180916T085811_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T090516_20180916T094037_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T100249_20180916T100715_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T100806_20180916T102540_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T103508_20180916T103714_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T104455_20180916T112036_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T113235_20180916T115129_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T115232_20180916T120606_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T121424_20180916T121623_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T122350_20180916T123843_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T124045_20180916T125008_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T131150_20180916T132931_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T134531_20180916T134652_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T135237_20180916T140026_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180916T140337_20180916T141748_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T145550_20180916T152714_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T153101_20180916T153313_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153917_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T154334_20180916T160729_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162036_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T171734_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T181312_20180916T184350_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T185221_20180916T185757_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T190148_20180916T190541_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T193656_20180916T193912_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T195144_20180916T202411_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T203124_20180916T203636_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T204204_20180916T205820_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T212810_20180916T220309_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T220855_20180916T221123_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T221130_20180916T221540_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T222055_20180916T224627_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T224644_20180916T225415_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T225415_20180916T225440_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T230639_20180916T232102_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T232543_20180916T232713_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T232726_20180916T234226_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T234503_20180916T235022_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T235041_20180916T235244_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180916T071225_20180916T071339_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180916T203636_20180916T203801_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180916T234325_20180916T234503_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180916T022646_20180916T022815_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180916T063127_20180916T063150_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180916T080242_20180916T080905_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180916T211725_20180916T211854_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
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	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_20180916T003600_20180916T004103_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFFE SIR GOPM 2 201809161005032 201809161010041 C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS OFFE SIR GOPM 2 201809161010701 201809161012258 C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

COUNTING COU	00 000 000 0000 0 000000000000000000000	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
GOTH, SECOND 2 201000 FTD1001 CASCADE CONTROL SECOND CONTROL SECON		Backscatter Averaging Status	more records.
G. CPR. Bit Code 2. 2018/09/17/25/25 2018/09/17/25/25 2018/09/17/25/25 2018/09/17/25/25 2018/09/17/25/25 2018/09/17/25/25 2018/09/17/25/25/25/25/25/25/25/25/25/25/25/25/25/		Backscatter Averaging Status	more records.
Section Control Contro			more records.
Section 1.	CS_OFFL_SIR_GOPM_2_20180916T021515_20180916T022014_C001	Ice Backscatter Averaging Status	records.
Decomption Amongs Status Course  Co. OFFE, SE, COMPL_2 20160000102004, 201600010102004, COTO  CO. OFFE, SE, COMPL_2 201600010102004, COTO  SEM AMONGS STATUS SEM AMONGS SEM AMONGS STATUS SEM AM	CS_OFFL_SIR_GOPM_2_20180916T022056_20180916T022200_C001		records.
Secondary Analysis of the Company Analysis of the Comp	CS_OFFL_SIR_GOPM_2_20180916T022815_20180916T025038_C001	Backscatter Averaging Status	more records.
Decision   American   Decision   American   Decision   American   Decision   American   Decision	CS_OFFL_SIR_GOPM_2_20180916T025126_20180916T030338_C001		
Society Services of the Communication of the Commun	CS_OFFL_SIR_GOPM_2_20180916T032954_20180916T035015_C001	0 0 .	* * * * * * * * * * * * * * * * * * * *
Communication of the communica	CS_OFFL_SIR_GOPM_2_20180916T035558_20180916T035931_C001	Ice Backscatter Averaging Status	
Secret. Sec. OPEN 2 20190910100302 2010091100302 CDD  Secret. Sec. OPEN 2 20190910103022 2010091100302 CDD  Secret. Sec. OPEN 2 201909101030302 2010091100302 CDD  Sec. OPEN 2 20190910103030 2010091100302 CDD  Sec. OPEN 2 2019091010303 20100301100302 CDD  Sec. OPEN 2 2019091010303 2010091100302 CDD  Sec. OPEN 2 2019091010303 2010091100302 CDD  Sec. OPEN 2 2019091010303 2010091100302 CDD  Sec. OPEN 2 2019091010303 20100091100302 CDD  Sec. OPEN 2 2019091010303 20100091100302 CDD  Sec. OPEN 2 2	CS_OFFL_SIR_GOPM_2_20180916T035938_20180916T035947_C001	Ice Backscatter Averaging Status	
Dec. OFT., SR. COPM. 2. 2016091T00002 2016091T00000 COI  CO. OFT., SR. COPM. 2. 2016091T00002 2016091T00000 COI  CO. OFT., SR. COPM. 2. 2016091T10000 COI  C	CS_OFFL_SIR_GOPM_2_20180916T035953_20180916T040313_C001	Ice Backscatter Averaging Status	
Sign CoPPL_20103916705004_20103916705004_C0103916705045_C010391670	CS_OFFL_SIR_GOPM_2_20180916T040656_20180916T043447_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CB_OFF_SIR_GONU_2 20180016T003445_Q010  CB_OFF_SIR_GONU_2 20180016T003402_Q0100016T003402_Q010  CB_OFF_SIR_GONU_2 20180016T003402_Q0100016T003402_Q010  CB_OFF_SIR_GONU_2 20180016T003402_Q0100016T003402_Q010  CB_OFF_SIR_GONU_2 20180016T003402_Q010016T003402_Q010016T	CS_OFFL_SIR_GOPM_2_20180916T050524_20180916T053007_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CB_OFFL_BR_GORPL_20180916T004826_20180916T01946_001  SWYA Accepting Status. Power many status. They shall not be common to the c	CS OFFL SIR GOPM 2 20180916T053340 20180916T053845 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS OFTE, SIR GOPN 2 2018016T050222 201909T0T05032 201909T05032 201909T0T05032 201909T05032 201909T0T05032 201909T05032 201909T05032 201909T05032 201909T05032 201909T05032 201909T05032 201909T05032 2019		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180916T003109_20180916T00912_C0101  CS_OFFL_SIR_GOPM_2_20180916T007309_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T007309_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T007309_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T007309_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T007309_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101015_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101015_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101015_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101015_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101015_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T009197_C0101  CS_OFFL_SIR_GOPM_2_20180916T009207_C0101  CS_OFFL_SIR_GOPM_2_20180916T009207_C0101  CS_OFFL_SIR_GOPM_2_20180916T1009207_C0101  CS_OFFL_SIR_GOPM_2_20180916T1100907_C010100917_C010000000000000000000000000000000000		SWH Averaging Status, Ocean	
Scorts, Sing CoPM 2_20180916707302_20180916707917_C001  Scorts, Sing CoPM 2_20180916707302_20180916707917_C001  Scorts, Sing CoPM 2_20180916707302_20180916707915_C001  Scorts, Sing CoPM 2_201809167080112_20180916709153_C001  Scorts, Sing CoPM 2_201809167080112_20180916709153_C001  Scorts, Sing CoPM 2_201809167080112_20180916708011_C001  Scorts, Sing CoPM 2_201809167080112_20180916708011_C001  Scorts, Sing CoPM 2_201809167080112_20180916708011_C001  Scorts, Sing CoPM 2_20180916708012_201809167080120_C001  Scorts, Sing CoPM 2_20180916708002_201809167080120_C001  Scorts, Sing CoPM 2_20180916708002_201809167080120_C001  Scorts, Sing CoPM 2_20180916708002_201809167080120_C001  Scorts, Sing CoPM 2_20180916710808_201809167100314_C001  Scorts, Sing CoPM 2_20180916710308_201809167100314_C001  Scorts, Sing CoPM 2_20180916710308_20180916710314_C001  Scorts, Sing CoPM 2_20180916710332_20180916710314_C001  Scorts, Sing CoPM 2_20180916710332_20180916710331_C001  Scorts, Sing CoPM 2_20180916710332_20180916710331_C001  Scorts, Sing CoPM 2_20180916710332_20180916710331_C001  Scorts, Sing CoPM 2_20180916710332_20180916710331_C001  Scorts, Sing Co		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Subsociater Averaging Status  OFFL. SIR. GOPM 2_01889161707302 49889161707315, 2018916180161707316, 2018  Sign 2_GPFL_SIR. GOPM 2_01899161707302 49889161707316, 2011  Sign 2_GPFL_SIR. GOPM 2_01899161707302 49889161706115, 2011  Sign 2_GPFL_SIR. GOPM 2_01899161707302 49889161706115, 2011  Sign 2_GPFL_SIR. GOPM 2_01899161707302 29889161706115, 2011  Sign 2_GPFL_SIR. GOPM 2_01899161707302 29889161706115, 2011  Sign 2_GPFL_SIR. GOPM 2_01899161707302 29889161706115, 2011  Sign 2_GPFL_SIR. GOPM 2_01899161707302 29889161706315, 2011  Sign 2_GPFL_SIR. GOPM 2_0189916170302 2988916170632 298916170632 298916 298916170632 298916170632 298916981670634 298916			more records.
Sec. OFFL, SR, COPM 2, 20180916T105257, 20180916T109812, CO01  SS, OFFL, SR, COPM 2, 20180916T008112, 20180916T00813, CO01  SS, OFFL, SR, COPM 2, 20180916T008112, 20180916T00813, CO01  SS, OFFL, SR, COPM 2, 20180916T008112, 20180916T00813, CO01  SS, OFFL, SR, COPM 2, 20180916T008103, C0180916T00813, CO01  SS, OFFL, SR, COPM 2, 20180916T100810, C0180916T00813, CO01  SS, OFFL, SR, COPM 2, 20180916T100810, C0180916T00813, CO01  SS, OFFL, SR, COPM 2, 20180916T100810, C0180916T00813, CO01  SS, OFFL, SR, COPM 2, 20180916T100813, C001  SS, OFFL, SR, COPM 2, 20180916T10083, C0180916T100813, C001  SS, O		Backscatter Averaging Status	more records.
SOFFL, SR, GOPM 2, 201809161708192, 2018091617081915, COOT  SO. OFFL, SIR, GOPM 2, 2018091617081915, COOT  SO, OFFL, SIR, GOPM 2, 201809161708191, COOT  SO, OFFL, SIR, GOPM 2, 201809161708519, COOT  SO, OFFL, SIR, GOPM 2, 201809161708519, COOT  SO, OFFL, SIR, GOPM 2, 201809161708519, COOT  SO, OFFL, SIR, GOPM 2, 201809161708529, COOT  SO, OFFL, SIR, GOPM 2, 2018091617102500, COOT  SO, OFFL, SIR, GOPM 2, 2018091617103500, COOT  SO, OFFL, SIR, GO			records.
Backscatter Averaging Status  Fig. 6PFL_SR_GOPM_2_20180916710319_20180916710315_C001  SG_OFFL_SR_GOPM_2_20180916708319_20180916708731_C001  SG_OFFL_SR_GOPM_2_20180916708319_20180916708731_C001  SG_OFFL_SR_GOPM_2_20180916708032_20180916708731_C001  SG_OFFL_SR_GOPM_2_20180916708032_20180916708073_C001  SG_OFFL_SR_GOPM_2_20180916708032_20180916709407_C001  SG_OFFL_SR_GOPM_2_20180916708032_20180916709407_C001  SG_OFFL_SR_GOPM_2_20180916700802_20180916709407_C001  SG_OFFL_SR_GOPM_2_20180916700802_20180916709407_C001  SG_OFFL_SR_GOPM_2_201809167100802_20180916710280_C001  SG_OFFL_SR_GOPM_2_201809167100802_20180916710280_C001  SG_OFFL_SR_GOPM_2_201809167100802_20180916710280_C001  SG_OFFL_SR_GOPM_2_201809167103802_20180916710280_C001  SG_OFFL_SR_GOPM_2_201809167103802_20180916710280_C001  SG_OFFL_SR_GOPM_2_201809167103802_20180916710280_C001  SG_OFFL_SR_GOPM_2_201809167103802_20180916710280_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103801_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001809167103801_C001  SG_OFFL_SR_GOPM_2_201809167103802_C001809167103901_C00	CS_OFFL_SIR_GOPM_2_20180916T072024_20180916T072118_C001		records.
Backscatter Averaging Status  Fig. GPM_2_20180916T109112_20180916T109131_0001  SG_OFFL_SIR_GOPM_2_20180916T093510_20180916T094731_0001  SG_OFFL_SIR_GOPM_2_20180916T093502_20180916T094731_0001  SG_OFFL_SIR_GOPM_2_20180916T093502_20180916T094731_0001  SG_OFFL_SIR_GOPM_2_20180916T093502_20180916T094037_0001  SG_OFFL_SIR_GOPM_2_20180916T093502_20180916T094037_0001  SG_OFFL_SIR_GOPM_2_20180916T093502_20180916T094037_0001  SG_OFFL_SIR_GOPM_2_20180916T093502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T1095502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T109502_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T1095302_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T1095302_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T1095302_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T1095302_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T130952_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T130952_20180916T109540_0001  SG_OFFL_SIR_GOPM_2_20180916T130952_20180916T13095_0001  SG_OFFL_SIR_GOPM_2_20180916T13095_20180916T13095_0001  SG_OFFL_SIR_GOPM_2_20180916T13095_201	CS_OFFL_SIR_GOPM_2_20180916T072657_20180916T075915_C001	Backscatter Averaging Status	more records.
So, OFFL_SIR, GOPM_2_20180916T0083130_20180916T088311_CO01  So OFFL_SIR, GOPM_2_20180916T0085022_20180916T088811_CO01  So OFFL_SIR, GOPM_2_20180916T0085022_20180916T088241_CO01  So OFFL_SIR, GOPM_2_20180916T0085022_20180916T08234_CO01  So OFFL_SIR, GOPM_2_20180916T100860_20180916T008234_CO01  So OFFL_SIR, GOPM_2_20180916T100860_20180916T102860_CO01  So OFFL_SIR, GOPM_2_20180916T100860_20180916T102860_CO01  So OFFL_SIR, GOPM_2_20180916T100860_20180916T102860_CO01  So OFFL_SIR, GOPM_2_20180916T100860_20180916T102860_CO01  So OFFL_SIR, GOPM_2_20180916T102860_CO01  So OFFL_	CS_OFFL_SIR_GOPM_2_20180916T080119_20180916T080153_C001	Backscatter Averaging Status	more records.
SOFFL.SR. GOPM.2. 20180916T008052 20180916T00805 20180916T008052 20180916T008052 20180916T008052 20180916T008052 20180916T008052 20180916T00805 201809	CS_OFFL_SIR_GOPM_2_20180916T081123_20180916T081315_C001	Backscatter Averaging Status	more records.
SOFFL_SIR_GOPM_2_20180916T008058_20180916T094037_CO01  SOFFL_SIR_GOPM_2_20180916T008059_20180916T094037_CO01  SOFFL_SIR_GOPM_2_20180916T108060_20180916T102540_CO01  SOFFL_SIR_GOPM_2_20180916T103506_20180916T102540_CO01  SOFFL_SIR_GOPM_2_20180916T103506_20180916T10374_CO01  SOFFL_SIR_GOPM_2_20180916T104555_20180916T112080_CO01  SOFFL_SIR_GOPM_2_20180916T104555_20180916T112080_CO01  SOFFL_SIR_GOPM_2_20180916T113232_20180916T112080_CO01  SOFFL_SIR_GOPM_2_20180916T113232_20180916T112080_CO01  SOFFL_SIR_GOPM_2_20180916T113235_20180916T120000_CO01  SOFFL_SIR_GOPM_2_20180916T112335_20180916T120000_CO01  SOFFL_SIR_GOPM_2_20180916T112335_20180916T120000_CO01  SOFFL_SIR_GOPM_2_20180916T112335_20180916T120000_CO01  SOFFL_SIR_GOPM_2_20180916T112335_20180916T120000_CO01  SOFFL_SIR_GOPM_2_20180916T124045_20180916T120000_CO01  SOFFL_SIR_GOPM_2_20180916T124045_20180916T120000_CO01  SOFFL_SIR_GOPM_2_20180916T124045_20180916T13090_CO01  SOFFL_SIR_GOPM_2_20180916T124045_20180916T13090_CO01  SOFFL_SIR_GOPM_2_20180916T13451_20180916T13090_CO01  SOFFL_SIR_GOPM_2_20180916T13451_20180916T13090_CO01  SOFFL_SIR_GOPM_2_20180916T1309_20180916T13090_CO01  SOFFL_SIR_GOPM_2_20180916T1309_20180916T13090_CO01  SOFFL_SIR_GOPM_2_20180916T13090_C00180916T13090_CO01  SOFFL_SIR_GOPM_2_20180916T13090_C00180916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13090_C00180916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13090_C00180916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T13090_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T100000_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T100000_C001  SOFFL_SIR_GOPM_2_20180916T13091_C0080916T100000_	CS_OFFL_SIR_GOPM_2_20180916T083150_20180916T084731_C001		
Soffer Sir GoPM 2 201809167100080 201809167102504 201809167102505 20180916710025 20180916710025 20180916710025 20180916710025 20180916710025 2019	CS_OFFL_SIR_GOPM_2_20180916T085302_20180916T085811_C001	Ice Backscatter Averaging Status	
So. OFFL_SIR_GOPM_2_201809167109806_201809167102540_C001  SWH Averaging Slatus  Los Backscatter Averaging Slatus  The SWH and Ocean Averaging Slatus Flags have been set for one or more records.  The SWH and Ocean Averaging Slatus Flags have been set for one or more records.  The SWH and Ocean Averaging Slatus Flags have been set for one or more records.  The SWH and Ocean Averaging Slatus Flags have been set for one or more records.  SWH Averaging Slatus  SWH Averaging Slatus	CS_OFFL_SIR_GOPM_2_20180916T090516_20180916T094037_C001		
SC OFFL_SIR_GOPM_2_20180916T103508_20180916T102540_C001  SWH Averaging Slatus Cean Backscatter Averaging Slatus Flags have been set for one or more records.  SOFFL_SIR_GOPM_2_20180916T10455_20180916T11529_C001  SWH Averaging Slatus Cean Backscatter Averaging Slatus Slags have been set for one or more records.  SOFFL_SIR_GOPM_2_20180916T124045_20180916T125080_C001  SOFFL_SIR_GOPM_2_20180916T134531_20180916T134065_C001  SOFFL_SIR_GOPM_2_20180916T134531_20180916T134065_C001  SOFFL_SIR_GOPM_2_20180916T134531_20180916T134065_C001  SOFFL_SIR_GOPM_2_20180916T134531_20180916T14748_C001  SOFFL_SIR_GOPM_2_20180916T145352_20180916T14748_C001  SOFFL_SIR_GOPM_2_20180916T145352_20180916T14748_C001  SOFFL_SIR_GOPM_2_20180916T1533300180916T165391_C001  SOFFL_SIR_GOPM_2_20180916T1533300180916T165391_C001  SOFFL_SIR_GOPM_2_20180916T1533300180916T165391_C001  SOFFL_SIR_GOPM_2_20180916T1533300180916T165391_C001  SOFFL_SIR_GOPM_2_20180916T15334_20180916T165391_C001  SOFFL_SIR_GOPM_2_20180916T15334_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T15334_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T16534_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T15334_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T16534_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T16534_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T16534_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T16534_20180916T16530_C001  SOFFL_SIR_GOPM_2_20180916T16534_20180916T16530_C001  SOFFL_SIR_GOPM_2_201809	CS_OFFL_SIR_GOPM_2_20180916T095029_20180916T095234_C001	0 0 .	
CS_OFFL_SIR_GOPM_2_20180916T103508_20180916T112036_C001  CS_OFFL_SIR_GOPM_2_20180916T104455_20180916T112036_C001  CS_OFFL_SIR_GOPM_2_20180916T113235_20180916T115129_C001  CS_OFFL_SIR_GOPM_2_20180916T115232_20180916T115129_C001  CS_OFFL_SIR_GOPM_2_20180916T115232_20180916T1152086_C001  CS_OFFL_SIR_GOPM_2_20180916T115232_20180916T120006_C001  CS_OFFL_SIR_GOPM_2_20180916T115230_20180916T120006_C001  CS_OFFL_SIR_GOPM_2_20180916T115205_20180916T120006_C001  CS_OFFL_SIR_GOPM_2_20180916T115205_20180916T120006_C001  CS_OFFL_SIR_GOPM_2_20180916T134531_20180916T132031_C001  CS_OFFL_SIR_GOPM_2_20180916T134531_20180916T134052_C001  CS_OFFL_SIR_GOPM_2_20180916T134531_20180916T134052_C001  CS_OFFL_SIR_GOPM_2_20180916T134531_20180916T134052_C001  CS_OFFL_SIR_GOPM_2_20180916T134531_20180916T134006_C001  CS_OFFL_SIR_GOPM_2_20180916T135312_20180916T134006_C001  CS_OFFL_SIR_GOPM_2_20180916T135311_C00806T	CS_OFFL_SIR_GOPM_2_20180916T100806_20180916T102540_C001	SWH Averaging Status, Ocean	
Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  Synth Averaging Status, Cocan Backscatter Averaging Status  Synth Averaging Status  Syn	CS_OFFL_SIR_GOPM_2_20180916T103508_20180916T103714_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SWH Averaging Status, Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averag	CS_OFFL_SIR_GOPM_2_20180916T104455_20180916T112036_C001		The SWH and Ocean Averaging Status Flags have been set for one or
SWH Averaging Status Cocan Backscatter Averaging Status (Cocan Bac	CS_OFFL_SIR_GOPM_2_20180916T113235_20180916T115129_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SWH Averaging Status Coean Backscatter Averaging Status Scanner Averaging Status Flags have been set for one or more records.  SWH Averaging Status Status SWH Averaging Status Flags have been set for one or more records.  SWH Averaging Status SWH Averaging Stat	CS_OFFL_SIR_GOPM_2_20180916T115232_20180916T120606_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SSOFFL_SIR_GOPM_2_20180916T124045_20180916T125086_C001  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status Flags have been set for one or more records.  SWH Averaging Status Flags have been set for one or more records.  SWH Averaging Status Flags have been set for one or more records.  SWH Averaging Status Flags have been set for one or more records.  SWH Averaging Status Flags have been set for one or more records.  SWH Averaging	CS OFFL SIR GOPM 2 20180916T122350 20180916T123843 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Sylf Averaging Status		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180916T134531_20180916T140026_C001  CS_OFFL_SIR_GOPM_2_20180916T135237_20180916T140026_C001  CS_OFFL_SIR_GOPM_2_20180916T140337_20180916T140026_C001  CS_OFFL_SIR_GOPM_2_20180916T140337_20180916T14748_C001  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The loce Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have			
Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T135237_20180916T140026_C001  DE Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T140337_20180916T145426_C001  SWH Averaging Status, Ocean  Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T145211_20180916T145426_C001  SWH Averaging Status, Ocean  Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T153012_20180916T152714_C001  CS_OFFL_SIR_GOPM_2_20180916T153101_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153917_C001  DE Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T154334_20180916T16729_C001  SWH Averaging Status  SWH Averaging Status  The De Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more reco			
CS_OFFL_SIR_GOPM_2_20180916T140337_20180916T141748_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T1455101_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153917_C001  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T163729_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T164434_20180916T160729_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been			more records.
Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T145211_20180916T145426_C001  Backscatter Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flag has been set for one or more records.  The Loe Backscatter Averaging Status Flag has been set for one or more records.  The Loe Backscatter Averaging Status Flag has been set for one or more records.  The Loe Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean			records.
Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T1452T0_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153101_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153317_C001  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153317_C001  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153317_C001  CS_OFFL_SIR_GOPM_2_20180916T154334_20180916T160729_C001  CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T162036_C001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T17310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T173224_20180916T17734C001  CS_OFFL_SIR_GOPM_2_20180916T173224_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T17734C001  CS_OFFL_SIR_GOPM_2_20180916T173222_20180916T17734C001  CS_OFFL_SIR_GOPM_2_20180916T173322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T173322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T173322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T173322_20180916T170518_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T173342_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T170518_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T173342_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T1705015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T1705015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one		Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153313_C001  CS_OFFL_SIR_GOPM_2_20180916T153314_20180916T160729_C001  CS_OFFL_SIR_GOPM_2_20180916T154334_20180916T160729_C001  CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T160741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T160741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T160019_20180916T162001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T165011_C001  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T17310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T177310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T177322_20180916T177342_C001  CS_OFFL_SIR_GOPM_2_20180916T177322_20180916T177332_20180916T177332_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T175322_20180916T180015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T177332_20180916T177332_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T183312_20180916T180015_C001  SWH Averaging Status  CS_OFFL_SIR	CS_OFFL_SIR_GOPM_2_20180916T145211_20180916T145426_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20180916T153319_20180916T153917_C001  Loe Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T160729_C001  CS_OFFL_SIR_GOPM_2_20180916T154334_20180916T160729_C001  CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162036_C001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T1774834_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T18	CS_OFFL_SIR_GOPM_2_20180916T145550_20180916T152714_C001		more records.
CS_OFFL_SIR_GOPM_2_20180916T15334_20180916T160729_C001  CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162036_C001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T17310_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T175322_20180916T175322_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T175322_20180916T18015_C001  SWH Averaging Status  records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more r	CS_OFFL_SIR_GOPM_2_20180916T153101_20180916T153313_C001	Ice Backscatter Averaging Status	records.
Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001  CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162036_C001  CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162036_C001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T1774834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T175322_20180916T175322_20180916T175322_20180916T180015_C001  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Avera	CS_OFFL_SIR_GOPM_2_20180916T153329_20180916T153917_C001		records.
Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162036_C001  CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T175322_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been s	CS_OFFL_SIR_GOPM_2_20180916T154334_20180916T160729_C001		* * *
CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T165011_C001  Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T171734_C001  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T171734_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T175322_20180916T180015_C001  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180916T161741_20180916T162003_C001		
CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17734_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180916T162019_20180916T162036_C001		
CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17134_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T175322_20180916T180015_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180916T163851_20180916T165011_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T17134_C001  CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  CS_OFFL_SIR_GOPM_2_20180916T181312_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T181312_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T181312_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2_20180916T18015_C001  CS_OFFL_SIR_GOPM_2	CS_OFFL_SIR_GOPM_2_20180916T165546_20180916T170618_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180916T172244_20180916T174834_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 or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180916T171310_20180916T171734_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180916T175322_20180916T180015_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180016T181312_20180016T184350_C001  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Backscatter Averaging Status	more records.

CS_OFFL_SIR_GOPM_2_20180916T185221_20180916T185757_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T190148_20180916T190541_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_20180916T193656_20180916T193912_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_20180916T195144_20180916T202411_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_20180916T203124_20180916T203636_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T204204_20180916T205820_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_20180916T212810_20180916T220309_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_20180916T220855_20180916T221123_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T221130_20180916T221540_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T222055_20180916T224627_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_20180916T224644_20180916T225415_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_20180916T225415_20180916T225440_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_20180916T230639_20180916T232102_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_20180916T232543_20180916T232713_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_20180916T232726_20180916T234226_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_20180916T234503_20180916T235022_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180916T235041_20180916T235244_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180916T071225_20180916T071339_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180916T203636_20180916T203801_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_20180916T234325_20180916T234503_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180916T022646_20180916T022815_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_20180916T063127_20180916T063150_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_20180916T080242_20180916T080905_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_20180916T211725_20180916T211854_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.

Number of products with errors:

### 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

### 6.4 P2P Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). 0

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.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180916T135509_20180916T144447_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220180916T171336_20180916T180315_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

### 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.

Number of products with errors:

29

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180915T235145_20180916T004120_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_20180916T004120_20180916T013059_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_20180916T013059_20180916T022034_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_20180916T022034_20180916T031012_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T031012_20180916T035948_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_20180916T035948_20180916T044926_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_220180916T044926_20180916T053901_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_220180916T053901_20180916T062840_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180916T062840_20180916T071815_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_220180916T071815_20180916T080753_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_220180916T080753_20180916T085728_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T085728_20180916T094707_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180916T094707_20180916T103642_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180916T103642_20180916T112620_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T112620_20180916T121555_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_220180916T121555_20180916T130534_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_20180916T130534_20180916T135509_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_20180916T135509_20180916T144447_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_20180916T144447_20180916T153422_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180916T153422_20180916T162401_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_20180916T162401_20180916T171336_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T171336_20180916T180315_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_220180916T180315_20180916T185250_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180916T185250_20180916T194228_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_20180916T194228_20180916T203203_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T203203_20180916T212142_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_220180916T212142_20180916T221117_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_220180916T221117_20180916T230055_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_220180916T230055_20180916T235030_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.

#### 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_2_20180915T235145_20180916T004120_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_220180916T004120_20180916T013059_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_20180916T013059_20180916T022034_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_20180916T022034_20180916T031012_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_20180916T031012_20180916T035948_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_20180916T035948_20180916T044926_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_220180916T044926_20180916T053901_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_20180916T053901_20180916T062840_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_220180916T062840_20180916T071815_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_20180916T071815_20180916T080753_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_220180916T080753_20180916T085728_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_20180916T085728_20180916T094707_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_220180916T094707_20180916T103642_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_20180916T103642_20180916T112620_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_20180916T112620_20180916T121555_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_20180916T121555_20180916T130534_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_20180916T130534_20180916T135509_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_220180916T135509_20180916T144447_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_20180916T144447_20180916T153422_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_220180916T153422_20180916T162401_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_20180916T162401_20180916T171336_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_20180916T171336_20180916T180315_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_20180916T180315_20180916T185250_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_20180916T185250_20180916T194228_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_20180916T194228_20180916T203203_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_20180916T203203_20180916T212142_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_20180916T212142_20180916T221117_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_20180916T221117_20180916T230055_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_220180916T230055_20180916T235030_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.

# 6.8 P2P Ocean Retracking Quality Check

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180915T235145_20180916T004120_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T004120_20180916T013059_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T013059_20180916T022034_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T022034_20180916T031012_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T031012_20180916T035948_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T035948_20180916T044926_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T044926_20180916T053901_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T053901_20180916T062840_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T062840_20180916T071815_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T071815_20180916T080753_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T080753_20180916T085728_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T085728_20180916T094707_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_2_20180916T094707_20180916T103642_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T103642_20180916T112620_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T121555_20180916T130534_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T130534_20180916T135509_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T144447_20180916T153422_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T153422_20180916T162401_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T162401_20180916T171336_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T171336_20180916T180315_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T180315_20180916T185250_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T185250_20180916T194228_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T194228_20180916T203203_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T203203_20180916T212142_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T212142_20180916T221117_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180916T221117_20180916T230055_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180916T230055_20180916T235030_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180916T235030_20180917T004009_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.