



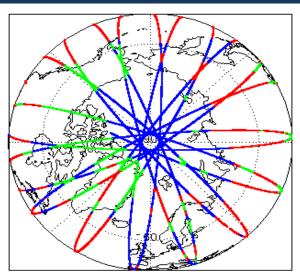
## 1. Overview

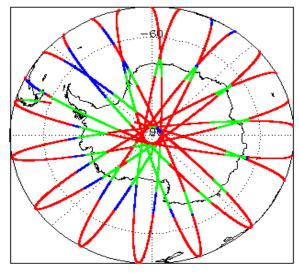
Report Production:	21-Mar-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

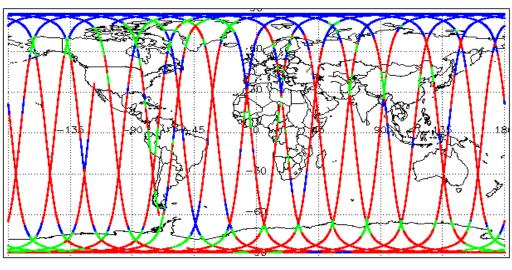
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary 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		
16-Feb-2018	None	
17-Feb-2018	None	
18-Feb-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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180217T080224_20180217T080320_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20180217T233834_20180217T234537_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 products over land, but this is to be expected.

Number of products with errors:

16

Product	Test Failed	Description
CS_OFFL_SIR_GOPN1B_20180217T014138_20180217T014647_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180217T063020_20180217T063110_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180217T064256_20180217T064627_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180217T081243_20180217T081524_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180217T094914_20180217T095018_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180217T095322_20180217T095425_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180217T113123_20180217T113339_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180217T162318_20180217T162732_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T001133_20180217T001234_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T031520_20180217T031632_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T045042_20180217T045218_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T080321_20180217T080732_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T100405_20180217T100859_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T163548_20180217T164009_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T180649_20180217T181331_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180217T234958_20180217T235017_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_20180217T080224_20180217T080320_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_20180217T233834_20180217T234536_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:

80

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180217T001326_20180217T002305_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180217T002958_20180217T004448_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180217T004722_20180217T005539_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T005739_20180217T011428_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T011708_20180217T011919_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T015639_20180217T022349_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T022859_20180217T023405_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T023648_20180217T030216_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T033405_20180217T034525_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T035103_20180217T040230_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T040823_20180217T041424_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T041555_20180217T044448_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T045218_20180217T045354_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T050729_20180217T054138_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T054731_20180217T055255_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T055428_20180217T060047_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T063110_20180217T063422_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T064708_20180217T065535_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T065820_20180217T072111_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T072738_20180217T073146_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T073313_20180217T074821_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T074837_20180217T075321_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T082529_20180217T085924_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T090141_20180217T090631_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T090652_20180217T091022_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T091236_20180217T091445_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T091731_20180217T094900_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T095018_20180217T095054_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T095054_20180217T095322_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T100900_20180217T101614_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T102211_20180217T103839_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T104016_20180217T104530_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T105535_20180217T110909_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T111124_20180217T112245_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T115054_20180217T120114_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T120254_20180217T121745_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T121940_20180217T122440_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T123805_20180217T124614_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T125013_20180217T125502_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T133353_20180217T135658_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T140012_20180217T140357_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T140419_20180217T140708_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T141003_20180217T143856_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T151043_20180217T153622_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T153754_20180217T154311_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180217T154317_20180217T154643_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T154930_20180217T160111_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T160650_20180217T162318_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T170534_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T171613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T171754_20180217T172547_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T172853_20180217T180247_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T181725_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T193050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T195627_20180217T195711_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T201336_20180217T201945_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T202051_20180217T203501_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T204745_20180217T211926_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T213726_20180217T215646_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T215652_20180217T220926_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T221850_20180217T222045_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T222238_20180217T222549_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T222715_20180217T224310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T224514_20180217T225531_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T231244_20180217T231446_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T231735_20180217T231923_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T232208_20180217T233354_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T235721_20180218T000006_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180217T000416_20180217T000508_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180217T185559_20180217T185724_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180217T221616_20180217T221850_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180217T222549_20180217T222714_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180217T004448_20180217T004525_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180217T064627_20180217T064707_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180217T180649_20180217T181331_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180217T204652_20180217T204745_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180217T213637_20180217T213726_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

## 5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180217T001326_20180217T002305_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_20180217T002958_20180217T004448_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_20180217T004722_20180217T005539_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T005739_20180217T011428_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_20180217T011708_20180217T011919_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_20180217T015639_20180217T022349_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_20180217T022859_20180217T023405_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T023648_20180217T030216_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

Secretary Control 2 (1994) Printed Tributed 2 (1994) Printed 2 (1994) Prin		CIAIL Averaging Status Occan	The CM/I Land Ocean Averaging Status Flore have been set for one or
Co., CHI, SER, COMPA_2_DIRECT/TOMOSE_COST/COMPA_COST  CO., CHI, SER, COMPA_2_DIRECT/TOMOSE_COST/COMPA_COS	CS_OFFL_SIR_GOPM_2_20180217T033405_20180217T034525_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
Section (1997) (	CS_OFFL_SIR_GOPM_2_20180217T035103_20180217T040230_C001		
Security (1997)	CS_OFFL_SIR_GOPM_2_20180217T040823_20180217T041424_C001	Ice Backscatter Averaging Status	* * *
So, OFTL, SR, COMP. 2. 2018217T100252_20182217T100252_2018217T100252_20182217T	CS_OFFL_SIR_GOPM_2_20180217T041555_20180217T044448_C001		
Sept. Sept. Comp. 2, 2 postport missons, 2 pos	CS_OFFL_SIR_GOPM_2_20180217T045218_20180217T045354_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Secretary 2 policy months of the common and the com	CS_OFFL_SIR_GOPM_2_20180217T050729_20180217T054138_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CR. OFFL. SR. COPM. 2. 2010027171003102_000027	CS OFFL SIR GOPM 2 20180217T054731 20180217T055255 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
OS, OFF_SIR_COPUL_201922/TICROTIC_SID_CONCETTORS 2.000  OS_OFF_SIR_COPUL_201922/TICROTIC_SID_CONCETTORS 3.000  OS_OFF_SIR_COPUL_20192/TICROTIC_SID_CONCETTORS 3.000  OS_OFF_SIR_COPUL_201922/TICROTIC_SID_CONCETTORS 3.000  OS_OFF_SIR_COPUL_20192/TICROTIC_SID_CONCETTORS 3.000  OS_OFF_SIR_COPUL_20192/TICROTIC_SID_		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Sey CPFL_SR_QOPM_2_20182171181478_20182017181841_COID  SPEN_SR_QOPM_2_20182171818178_20182017181841_COID  SPEN_SR_QOPM_2_201821717181818_20182017181814_COID  SPEN_SR_QOPM_2_201821717181812_20182017181814_COID  SPEN_SR_QOPM_2_20182171718182_20182017181814_COID  SPEN_SR_QOPM_2_20182171718182_20182017181814_COID  SPEN_SR_QOPM_2_20182171718182_20182017181814_COID  SPEN_SR_QOPM_2_201820171818182_20182017181814_COID  SPEN_SR_QOPM_2_201820171181814_COID  SPEN_SR_QOPM_2_2018201711818		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CR. OPFL_SIR_COPPL_2 201802171003812_00182171003812_COT   CR. OPFL_SIR_COPPL_2 201802171003812_COT   CR. OPFL_SIR_COPPL_2 2018021711003812_COT   CR. OPFL_SIR_COPPL_2 20180			
Es GERLE, SIR, GOPUL 2.01862/TT07313_01862/TT07437_COOK  S. GFTL, SIR, GOPUL 2.01862/TT07437_D1862/TT07437_COOK  S. GFTL, SIR, GOPUL 2.01862/TT07437_D1862/TT07437_COOK  S. GFTL, SIR, GOPUL 2.01862/TT07437_D1862/TT07437_COOK  S. GFTL, SIR, GOPUL 2.01862/TT000141_201862/TT00014_COOK  S. GFTL, SIR, GOPUL 2.01862/TT000141_COOK  S. GFTL, SIR, GOPUL 2.01862/TT100141_COOK  S. GFTL, SIR, GOPUL 2.01			
Sec. CFFL_SIR_COMA_2_collect/1703/640_co			more records.
Soft-Assembly Status County 2,00002171002022 (201002171000002 (2010021711000002 (201002171000002 (201002171000002 (201002171000000000000000000000000000000			records.
SOFFL, SR, GOPM_20100217709012_2010021770902_C001  SOFFL, SR, GOPM_2010021770902_2010021770902_C001  SOFFL, SR, GOPM_20100217709002_2010021770902_C001  SOFFL, SR, GOPM_20100217709002_2010021770902_C001  SOFFL, SR, GOPM_201002177109002_20100217709002_C001  SOFFL, SR, GOPM_201002177109002_20100217710900_C001  SOFFL, SR, GOPM_201002177109002_20100217710900_C001  SOFFL, SR, GOPM_201002177110900_201002177109000_C001  SOFFL, SR, GOPM_201002177110900_20100217710900_C001  SOFFL, SR, GOPM_201002177110900_20100217710900_C001  SOFFL, SR, GOPM_201002177110900_C00100217710900_C001  SOFFL, SR, GOPM_201002177110900_C001002177109000_C00100217710900_C00100217710900_C00100217710900_C00100217710900_C00100217710900_C0	CS_OFFL_SIR_GOPM_2_20180217T073313_20180217T074821_C001	Backscatter Averaging Status	more records.
Soffs, SR, GOPM 2, 201802171091025, 201802171091022, 20010  Soffs, SR, GOPM 2, 201802171091025, 201802171091022, 20010  Soffs, SR, GOPM 2, 201802171091025, 201802171091020, 20010  Soffs, SR, GOPM 2, 201802171091025, 201802171091020, 20010  Soffs, SR, GOPM 2, 201802171091025, 201802171091020, 20010  Soffs, SR, GOPM 2, 201802171091025, 201802171091025, 20010  Soffs, SR, GOPM 2, 201802171091025, 201802171091025, 20010  Soffs, SR, GOPM 2, 201802171091025, 201802171091025, 20010  Soffs, SR, GOPM 2, 20180217100102, 201802171001025, 20010  Soffs, SR, GOPM 2, 20180217100102, 201802171001025, 20010  Soffs, SR, GOPM 2, 201802171001025, 201802171001025, 20010  Soffs, SR, GOPM 2, 201802171100102, 201802171001025, 20010  Soffs, SR, GOPM 2, 201802171100102, 20180217100100, 201802171001025, 20010  Soffs, SR, GOPM 2, 201802171100102, 20180217110010, 201802171001025, 20010  Soffs, SR, GOPM 2, 201802171100102, 20180217110010, 2018021710010,	CS_OFFL_SIR_GOPM_2_20180217T074837_20180217T075321_C001	Backscatter Averaging Status	more records.
SC. PFL. SR. GOPM 2 201802171000062 201802171001442. CO10  SC. OFFL. SR. GOPM 2 20180217000062 201802171001445. CO01  SC. OFFL. SR. GOPM 2 201802171001592 201802171001400. CO01  SC. OFFL. SR. GOPM 2 20180217100159. 201802171001400. CO01  SC. OFFL. SR. GOPM 2 20180217100000 20180217100144. CO01  SC. OFFL. SR. GOPM 2 20180217100000 20180217100144. CO01  SC. OFFL. SR. GOPM 2 20180217100000 20180217100144. CO01  SC. OFFL. SR. GOPM 2 201802171100000 20180217100144. CO01  SC. OFFL. SR. GOPM 2 20180217110000 20180217100140. CO01  SC. OFFL. SR. GOPM 2 201802171110000 20180217100140. CO01  SC. OFFL. SR. GOPM 2 201802171110000 20180217100140. CO01  SC. OFFL. SR. GOPM 2 201802171110000 20180217100140. CO01  SC. OFFL. SR. GOPM 2 2018021711110000 201802171100140. CO01  SC. OFFL. SR. GOPM 2 201802171110000 20180217110000 201800000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20180217T082529_20180217T085924_C001		more records.
So OFFL 3R GOPM 2 20180217110302 201002 17103030 2010 50103	CS_OFFL_SIR_GOPM_2_20180217T090141_20180217T090631_C001	Ice Backscatter Averaging Status	records.
SO CHEL SRI, GOPM_2 20180217109018_20180217109090 C001  SO CHEL SRI, GOPM_2 20180217109018_20180217109090 C001  SO CHEL SRI, GOPM_2 20180217109018_20180217109090 C001  SO CHEL SRI, GOPM_2 2018021710900_20180217110900_20180	CS_OFFL_SIR_GOPM_2_20180217T090652_20180217T091022_C001		records.
SS_OFFL_SR_GOPM_2_2018021710905_2018021710932_CO001  SS_OFFL_SR_GOPM_2_2018021710905_2018021710932_CO001  SS_OFFL_SR_GOPM_2_2018021710905_2018021710932_CO001  SS_OFFL_SR_GOPM_2_20180217110905_2018021710932_CO001  SS_OFFL_SR_GOPM_2_20180217110905_2018021710932_CO001  SS_OFFL_SR_GOPM_2_20180217110905_2018021710932_CO001  SS_OFFL_SR_GOPM_2_20180217110905_20180217110916_CO001  SS_OFFL_SR_GOPM_2_20180217110905_2018021710916_CO001  SS_OFFL_SR_GOPM_2_20180217110905_2018021710916_CO001  SS_OFFL_SR_GOPM_2_20180217112091_2018021710916_CO001  SS_OFFL_SR_GOPM_2_20180217112091_20180217102916_CO001  SS_OFFL_SR_GOPM_2_20180217112091_20180217102906_CO001  SS_OFFL_SR_GOPM_2_20180217112091_20180217102906_CO001  SS_OFFL_SR_GOPM_2_20180217112091_20180217102906_CO001  SS_OFFL_SR_GOPM_2_20180217112091_20180217102906_CO001  SS_OFFL_SR_GOPM_2_20180217112091_201802171120906_CO001  SS_OFFL_SR_GOPM_2_20180217112091_201802171100906_CO001  SS_OFFL_SR_GOPM_2_20180217111091_201802171100906_CO001  S	CS_OFFL_SIR_GOPM_2_20180217T091236_20180217T091445_C001		
SO FFEL SIR, GOPM 2, 201802171100000, 201802171100184, CO01 SO FFEL SIR, GOPM 2, 2018021711100184, CO01 SO FFEL SIR, GOPM 2, 2018021711120184, CO01 SO FFEL SIR, GOPM 2, 2018021711120184, CO01 SO FFEL SIR, GOPM 2, 2018021711120194, CO01 SO FFEL SIR, GOPM 2, 2018021711140019, 20180217112001, CO01 SO FFEL SIR, GOPM 2, 201802171130019, 20180217112001, CO01 SO FFEL SIR, GOPM 2, 201802171130019, 20180217113005, CO01 SO FFEL SIR, GOPM 2, 201802171130019, 20180217113005, CO01 SO FFEL SIR, GOPM 2, 201802171130019, 20180217113005, CO01 SO FFEL SIR, GOPM 2, 201802171130019, C	CS_OFFL_SIR_GOPM_2_20180217T091731_20180217T094900_C001		* * * * * * * * * * * * * * * * * * * *
SCOPTE_SIR_GOMM_2_201802171100308_CO101  SCOPTE_SIR_GOMM_2_201802171100318_CO101  SCOPTE_SIR_GOMM_2_201802171100318_CO101  SCOPTE_SIR_GOMM_2_201802171100318_CO101  SCOPTE_SIR_GOMM_2_20180217111024_CO1002171104509_CO101  SCOPTE_SIR_GOMM_2_2018021711100418_CO1020171104509_CO101  SCOPTE_SIR_GOMM_2_2018021711100418_CO102017112245_CO101  SCOPTE_SIR_GOMM_2_2018021711100418_CO102017112245_CO101  SCOPTE_SIR_GOMM_2_2018021711100418_CO102017112246_CO11  SCOPTE_SIR_GOMM_2_2018021711120051_CO102017112246_CO101  SCOPTE_SIR_GOMM_2_2018021711120051_CO102017112246_CO101  SCOPTE_SIR_GOMM_2_2018021711120051_CO102017112246_CO101  SCOPTE_SIR_GOMM_2_2018021711120051_CO1020171122460_CO101  SCOPTE_SIR_GOMM_2_2018021711120051_CO1020171120051_CO101  SCOPTE_SIR_GOMM_2_201802171120051_CO1020171120051_CO101  SCOPTE_SIR_GOMM_2_2018021711120051_CO1020171120051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO1020171120051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO1020171110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_2018021711100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_201802171100051_CO102017110051_CO101  SCOPTE_SIR_GOMM_2_20180217110051_CO10201711005	CS_OFFL_SIR_GOPM_2_20180217T095018_20180217T095054_C001	Ice Backscatter Averaging Status	
Backsatter Averaging Status Figs CoPM_2 20180217110000_c0180271710050_C0180271710	CS_OFFL_SIR_GOPM_2_20180217T095054_20180217T095322_C001	Ice Backscatter Averaging Status	
SOFFL SIR GOPM 2 20180217T104018 20180217T12450 2010  SOFFL SIR GOPM 2 20180217T111124 20180217T1245 2001  SOFFL SIR GOPM 2 20180217T111124 20180217T1245 2001  SOFFL SIR GOPM 2 20180217T11504 20180217T1245 2001  SOFFL SIR GOPM 2 20180217T112014 20180217T1245 2001  SOFFL SIR GOPM 2 20180217T12014 20180217T1245 2001  SOFFL SIR GOPM 2 20180217T12014 20180217T1245 2001  SOFFL SIR GOPM 2 20180217T12014 20180217T1246 2001  SOFFL SIR GOPM 2 20180217T12014 20180217T1246 2001  SOFFL SIR GOPM 2 20180217T12014 20180217T1246 2001  SOFFL SIR GOPM 2 20180217T120114 20180217T1246 2001  SOFFL SIR GOPM 2 20180217T125013 20180217T125502 2001  SOFFL SIR GOPM 2 20180217T125013 20180217T125502 2001  SOFFL SIR GOPM 2 20180217T125013 20180217T125502 2001  SOFFL SIR GOPM 2 20180217T125013 20180217T135058 2001  SOFFL SIR GOPM 2 20180217T140012 20180217T135058 2001  SOFFL SIR GOPM 2 20180217T140012 20180217T135059 2001  SOFFL SIR GOPM 2 20180217T15000 20180217T13500 2	CS_OFFL_SIR_GOPM_2_20180217T100900_20180217T101614_C001		* * *
CS_OFF_SIR_GOPM_2_20180217T11924_20180217T112245_C001  SS_OFF_SIR_GOPM_2_20180217T11924_20180217T12214_C001  SS_OFF_SIR_GOPM_2_20180217T11924_20180217T12214_C001  SS_OFF_SIR_GOPM_2_20180217T12024_20180217T12214_C001  SS_OFF_SIR_GOPM_2_20180217T12024_20180217T12244_C001  SS_OFF_SIR_GOPM_2_20180217T12024_20180217T12244_C001  SS_OFF_SIR_GOPM_2_20180217T12024_20180217T12244_C001  SS_OFF_SIR_GOPM_2_20180217T12024_20180217T12244_C001  SS_OFF_SIR_GOPM_2_20180217T12024_20180217T12244_C001  SS_OFF_SIR_GOPM_2_20180217T1205_20180217T12244_C001  SS_OFF_SIR_GOPM_2_20180217T1205_20180217T12640_C001  SS_OFF_SIR_GOPM_2_20180217T1205_20180217T12605_C001  SS_OFF_SIR_GOPM_2_20180217T1205_20180217T12605_C001  SS_OFF_SIR_GOPM_2_20180217T1205_20180217T12605_C001  SS_OFF_SIR_GOPM_2_20180217T14005_20180217T14005_C001  SS_OFF_SIR_GOPM_2_20180217T14005_20180217T14005_C001  SS_OFF_SIR_GOPM_2_20180217T15045_20180217T15062_C001  SS_OFF_SIR_GOPM_2_20180217T14005_20180217T14005_C001  SS_OFF_SIR_GOPM_2_20180217T15045_20180217T15062_C001  SS_OFF_SIR_GOPM_2_20180217T1605_20180217T1605_C001  SS_OFF_SIR_GOPM_2_20180217T1605_2018	CS_OFFL_SIR_GOPM_2_20180217T102211_20180217T103839_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SIR_GOPM_2_20180217T11124_20180217T1245_C001 SOFFL_SIR_GOPM_2_20180217T11204_20180217T1245_C001 SOFFL_SIR_GOPM_2_20180217T1204_20180217T1245_C001 SOFFL_SIR_GOPM_2_20180217T12194_20180217T12240_C001 CS_OFFL_SIR_GOPM_2_20180217T12940_20180217T12240_C001 CS_OFFL_SIR_GOPM_2_20180217T122519_20180217T12240_C001 CS_OFFL_SIR_GOPM_2_20180217T122519_20180217T12260_C001 CS_OFFL_SIR_GOPM_2_20180217T122519_20180217T12260_C001 CS_OFFL_SIR_GOPM_2_20180217T122510_20180217T126614_C001 CS_OFFL_SIR_GOPM_2_20180217T12305_20180217T126614_C001 CS_OFFL_SIR_GOPM_2_20180217T12305_20180217T12660_C001 CS_OFFL_SIR_GOPM_2_20180217T13305_20180217T13666_C001 CS_OFFL_SIR_GOPM_2_20180217T13305_20180217T13666_C001 CS_OFFL_SIR_GOPM_2_20180217T13001_C00180217T13605_C001 CS_OFFL_SIR_GOPM_2_20180217T13001_C00180217T13605_C001 CS_OFFL_SIR_GOPM_2_20180217T14003_20180217T14001_C00180217T13001_C001802	CS_OFFL_SIR_GOPM_2_20180217T104016_20180217T104530_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL_SIR_GOPM_2_20180217T11604_20180217T1245_CO01  SOFFL_SIR_GOPM_2_20180217T12024_20180217T1245_CO01  SOFFL_SIR_GOPM_2_20180217T122519_20180217T12240_CO01  SOFFL_SIR_GOPM_2_20180217T122519_20180217T12260_CO01  SOFFL_SIR_GOPM_2_20180217T122519_20180217T12260_CO01  SOFFL_SIR_GOPM_2_20180217T12305_20180217T12502_CO01  SOFFL_SIR_GOPM_2_20180217T12303_20180217T12502_CO01  SOFFL_SIR_GOPM_2_20180217T12303_20180217T12502_CO01  SOFFL_SIR_GOPM_2_20180217T12303_20180217T13505_CO01  SOFFL_SIR_GOPM_2_20180217T140012_20180217T14056_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13505_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T13502_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T15352_CO01  SOFFL_SIR_GOPM_2_20180217T14003_20180217T15352_CO01  SOFFL_SIR_GOPM_2_20180217T15043_C00217T15443_C001  SOFFL_SIR_GOPM_2_20180217T15403_C0180217T15443_C001  SOFFL_SIR_GOPM_2_20180217T15403_C0180217T15443_C001  SOFFL_SIR_GOPM_2_20180217T15403_C0180217T154403_C001  SOFFL_SIR_GOPM_2_20180217T15403_C0180217T154403_C001  SOFFL_SIR_GOPM_2_20180217T16403_C0180217T154403_C001  SOFFL_SIR_GOPM_2_20180217T16403_C0180217T16403_C001  SOFFL_SIR_GOPM_2_20180217T164	CS OFFL SIR GOPM 2 20180217T111124 20180217T112245 C001		The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL SIR GOPM_2_20180217T12940_20180217T12440_CO01  SOFFL_SIR_GOPM_2_20180217T12940_20180217T12440_CO01  SOFFL_SIR_GOPM_2_20180217T12805_20180217T12800_CO01  SOFFL_SIR_GOPM_2_20180217T12805_20180217T12800_CO01  SOFFL_SIR_GOPM_2_20180217T12805_20180217T12800_CO01  SOFFL_SIR_GOPM_2_20180217T12805_20180217T12800_CO01  SOFFL_SIR_GOPM_2_20180217T12805_20180217T13806_CO01  SOFFL_SIR_GOPM_2_20180217T13805_20180217T13806_CO01  SOFFL_SIR_GOPM_2_20180217T13805_20180217T13806_CO01  SOFFL_SIR_GOPM_2_20180217T13805_20180217T13806_CO01  SOFFL_SIR_GOPM_2_20180217T13805_20180217T13806_CO01  SOFFL_SIR_GOPM_2_20180217T13906_CO01  SOFFL_SIR_GOPM_2_20180217T13906_CO01  SOFFL_SIR_GOPM_2_20180217T13906_CO01  SOFFL_SIR_GOPM_2_20180217T13906_CO01  SOFFL_SIR_GOPM_2_20180217T15403_20180217T1540502_CO01  SOFFL_SIR_GOPM_2_20180217T15403_20180217T154011_CO01  SOFFL_SIR_GOPM_2_20180217T15403_20180217T16031_CO01  SOFFL_SIR_GOPM_2_20180217T16040_20180217T16031_CO01  SOFFL_SIR_GOPM_2_20180217T16040_20180217T16031_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T174040_20180217T16034_CO01  SOFFL_SIR_GOPM_2_20180217T176040_20180217T160340_CO01  SOFFL_SIR_GOPM_2_20180217T176040_20180217T160340_CO01  SOFFL_SIR_GOPM_		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO OFFL_SIR_GOPM_2_20180217T12940_20180217T12940_20180217T12940_20180217T12940_20180217T12940_20180217T12940_20180217T129503_20180217T139558_2001  SS_OFFL_SIR_GOPM_2_20180217T140012_20180217T140357_2001  CS_OFFL_SIR_GOPM_2_20180217T15003_		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180217T12805_20180217T128605_20180217T126401_COID  CS_OFFL_SIR_GOPM_2_20180217T12805_20180217T128605_20180217T169318_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_20180217T169318_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_20180217T169318_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_20180217T169375_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_20180217T169375_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_20180217T169375_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_20180217T169375_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_20180217T169318_COID  CS_OFFL_SIR_GOPM_2_20180217T169338_20180217T180247_COID  CS_OFFL_SIR_GOPM_2_20180217T169650_2			The Ice Backscatter Averaging Status Flag has been set for one or more
S_OFFL_SIR_GOPM_2_20180217T128614_C001  S_OFFL_SIR_GOPM_2_20180217T128513_20180217T135658_C001  S_OFFL_SIR_GOPM_2_20180217T133553_20180217T135658_C001  S_OFFL_SIR_GOPM_2_20180217T140012_20180217T1400157_C001  C_S_OFFL_SIR_GOPM_2_20180217T140012_20180217T1400157_C001  C_S_OFFL_SIR_GOPM_2_20180217T15032_20180217T1400157_C001  C_S_OFFL_SIR_GOPM_2_20180217T15032_20180217T150322_C001  S_OFFL_SIR_GOPM_2_20180217T15032_20180217T150322_C001  C_S_OFFL_SIR_GOPM_2_20180217T15032_20180217T150322_C001  C_S_OFFL_SIR_GOPM_2_20180217T15032_20180217T150322_C001  C_S_OFFL_SIR_GOPM_2_20180217T1503754_20180217T150311_C001  C_S_OFFL_SIR_GOPM_2_20180217T150317_20180217T150312_C0180217T160111_C001  C_S_OFFL_SIR_GOPM_2_20180217T150317_20180217T160111_C001  C_S_OFFL_SIR_GOPM_2_20180217T150055_20180217T160111_C001  C_S_OFFL_SIR_GOPM_2_20180217T150055_20180217T160111_C001  C_S_OFFL_SIR_GOPM_2_20180217T150055_20180217T160111_C001  C_S_OFFL_SIR_GOPM_2_20180217T170055_20180217T160111_C001  C_S_OFFL_SIR_GOPM_2_20180217T170055_20180217T160131_C001  C_S_OFFL_SIR_GOPM_2_20180217T170055_20180217T160131_C001  C_S_OFFL_SIR_GOPM_2_20180217T170055_20180217T10055_20180217T10055_20180217T10055_20180217T10055_20180217T10			The Ice Backscatter Averaging Status Flag has been set for one or more
SQ_OFFL_SIR_GOPM_2_20180217T125013_20180217T135502_C001  SQ_OFFL_SIR_GOPM_2_20180217T133353_20180217T135658_C001  SQ_OFFL_SIR_GOPM_2_20180217T140012_20180217T140057_C001  SQ_OFFL_SIR_GOPM_2_20180217T14003_20180217T140057_C001  SWH Averaging Status  SWH Averaging S			
SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set for one or more records.  The ISWH and Ocean Averaging Status Flags have been set fo			
S_OFFL_SIR_GOPM_2_20180217T140012_20180217T14035_C001  S_OFFL_SIR_GOPM_2_20180217T141003_20180217T143566_C001  S_OFFL_SIR_GOPM_2_20180217T141003_20180217T143566_C001  S_OFFL_SIR_GOPM_2_20180217T151043_20180217T153622_C001  S_OFFL_SIR_GOPM_2_20180217T151043_20180217T153622_C001  S_OFFL_SIR_GOPM_2_20180217T153754_20180217T153622_C001  S_OFFL_SIR_GOPM_2_20180217T153754_20180217T154311_C001  C_S_OFFL_SIR_GOPM_2_20180217T154317_20180217T154431_C001  S_OFFL_SIR_GOPM_2_20180217T160650_20180217T160111_C001  S_OFFL_SIR_GOPM_2_20180217T160650_20180217T16034_C001  S_OFFL_SIR_GOPM_2_20180217T164401_20180217T17634_C001  S_OFFL_SIR_GOPM_2_20180217T174540180217T17634_C001  S_OFFL_SIR_GOPM_2_20180217T17045_20180217T17634_C001  S_OFFL_SIR_GOPM_2_20180217T17045_20180217T171547_C001  S_OFFL_SIR_GOPM_2_20180217T17045_20180217T176047_C001  S_OFFL_SIR_GOPM_2_20180217T171754_20180217T17555_C001  S_OFFL_SIR_GOPM_2_20180217T171754_20180217T180247_C001  S_OFFL_SIR_GOPM_2_20180217T171853_20180217T180247_C001  S_OFFL_SIR_GOPM_2_20180217T171853_20180217T180247_C001  S_OFFL_SIR_GOPM_2_20180217T1717383_20180217T180247_C001  S_OFFL_SIR_GOPM_2_20180217T171754_20180217T17855_C001  S_OFFL_SIR_GOPM_2_20180217T171754_20180217T17855_C001  S_OFFL_SIR_GOPM_2_20180217T171754_20180217T1180247_C001  S_OFFL_SIR_GOPM_2_20180217T171754_20180217T1190237_C001  S_OFFL_SIR_GOPM_2_20180217T18640_20180217T180247_C001  S_OFFL_SIR_GOPM_2_20180217T18650_20180217T180247_C001  S_OFFL_SIR_GOPM_2_20180217T18552_C0180217T190237_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T190237_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T19050_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T190237_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T190237_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T190237_C001  S_OFFL_SIR_GOPM_2_20180217T195439_20180217T			
CS_OFFL_SIR_GOPM_2_20180217T1440102_20180217T143056_C001  CS_OFFL_SIR_GOPM_2_20180217T151043_20180217T153622_C001  CS_OFFL_SIR_GOPM_2_20180217T153754_20180217T153622_C001  CS_OFFL_SIR_GOPM_2_20180217T153754_20180217T154311_C001  CS_OFFL_SIR_GOPM_2_20180217T154317_20180217T154643_C001  CS_OFFL_SIR_GOPM_2_20180217T154317_20180217T16463_C001  CS_OFFL_SIR_GOPM_2_20180217T154930_20180217T1640111_C001  CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T16331_C001  CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T16334_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T1716334_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T1716304_C001  CS_OFFL_SIR_GOPM_2_20180217T17754_20180217T176374_C001  CS_OFFL_SIR_GOPM_2_20180217T171543024_C001  CS_OFFL_SIR_GOPM_2_20180217T17154304_C0180217T18047_C001  CS_OFFL_SIR_GOPM_2_20180217T17863_20180217T18047_C001  CS_OFFL_SIR_GOPM_2_20180217T17863_20180217T18047_C001  CS_OFFL_SIR_GOPM_2_20180217T17863_20180217T18047_C001  CS_OFFL_SIR_GOPM_2_20180217T180334_20180217T18047_C001  CS_OFFL_SIR_GOPM_2_20180217T180334_20180217T180407_C001  CS_OFFL_SIR_GOPM_2_20180217T180334_20180217T180507_C001  CS_OFFL_SIR_GOPM_2_20180217T180334_20180217T180507_C001  CS_OFFL_SIR_GOPM_2_20180217T180335_20180217T180507_C001  CS_OFFL_SIR_GOPM_2_20180217T180335_20180217T190507_C001  CS_OFFL_SIR_GOPM_2_20180217T180507_C0180217T190507_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T190507_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T190507_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_G		Backscatter Averaging Status	more records.
Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The Ice Backscatter 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 Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter 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 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 f	CS_OFFL_SIR_GOPM_2_20180217T140012_20180217T140357_C001		records.
CS_OFFL_SIR_GOPM_2_20180217T15043_20180217T154311_C001  CS_OFFL_SIR_GOPM_2_20180217T154317_20180217T154643_C001  CS_OFFL_SIR_GOPM_2_20180217T154317_20180217T154643_C001  CS_OFFL_SIR_GOPM_2_20180217T160650_2	CS_OFFL_SIR_GOPM_2_20180217T141003_20180217T143856_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20180217T154317_20180217T154643_C001  CS_OFFL_SIR_GOPM_2_20180217T154930_20180217T1601111_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T162318_C001  CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T170534_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T1715437_C001  CS_OFFL_SIR_GOPM_2_20180217T177945_20180217T171543_C001  CS_OFFL_SIR_GOPM_2_20180217T17754_20180217T171543_C001  CS_OFFL_SIR_GOPM_2_20180217T17754_20180217T175547_C001  CS_OFFL_SIR_GOPM_2_20180217T177553_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T18053_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T18053_20180217T180237_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL	CS_OFFL_SIR_GOPM_2_20180217T151043_20180217T153622_C001	0 0	more records.
CS_OFFL_SIR_GOPM_2_20180217T154930_20180217T160111_C001  CS_OFFL_SIR_GOPM_2_20180217T160650_20180217T162318_C001  CS_OFFL_SIR_GOPM_2_20180217T160650_20180217T162318_C001  CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T170534_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T170534_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T170945_20180217T17001  CS_OFFL_SIR_GOPM_2_20180217T171754_20180217T17001  CS_OFFL_SIR_GOPM_2_20180217T17181640_20180217T18725_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T181725_C001  CS_OFFL_SIR_GOPM_2_20180217T18183834_20180217T180528_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T190337_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190335_20180217T190335_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T190305_C001  CS_OFFL_SIR_GOPM_2_20180217T1993335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T1935514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T1935514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T194006_C	CS_OFFL_SIR_GOPM_2_20180217T153754_20180217T154311_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180217T160650_20180217T162318_C001  CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T170534_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T170534_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T170534_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T17054_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T17054_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T17054_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T17054_C001  CS_OFFL_SIR_GOPM_2_20180217T172853_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T18040_20180217T180545_C001  CS_OFFL_SIR_GOPM_2_20180217T181840_20180217T1805558_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T1805558_C001  CS_OFFL_SIR_GOPM_2_20180217T180575_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T1903050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T193355_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T1935514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C	CS_OFFL_SIR_GOPM_2_20180217T154317_20180217T154643_C001		records.
Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180217T10945_20180217T170534_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T171034_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T171754_C001  CS_OFFL_SIR_GOPM_2_20180217T171754_20180217T172547_C001  CS_OFFL_SIR_GOPM_2_20180217T171754_20180217T172547_C001  CS_OFFL_SIR_GOPM_2_20180217T17172853_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T19757_20180217T190350_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T19514_C001  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 se	CS_OFFL_SIR_GOPM_2_20180217T154930_20180217T160111_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T171613_C001  CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T172547_C001  CS_OFFL_SIR_GOPM_2_20180217T1754_20180217T172547_C001  CS_OFFL_SIR_GOPM_2_20180217T17253_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T181725_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T190500_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180	CS_OFFL_SIR_GOPM_2_20180217T160650_20180217T162318_C001		
CS_OFFL_SIR_GOPM_2_20180217T17943_20180217T17954_C001  CS_OFFL_SIR_GOPM_2_20180217T172853_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T172853_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T19572_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T19050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195627_20180217T195711_C001	CS_OFFL_SIR_GOPM_2_20180217T164401_20180217T170534_C001		
CS_OFFL_SIR_GOPM_2_20180217T179543_20180217T180247_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T181725_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T193439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_	CS_OFFL_SIR_GOPM_2_20180217T170945_20180217T171613_C001		
CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T181725_C001  CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T19575_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T190305_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T19050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  SWH Averaging Status  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	CS_OFFL_SIR_GOPM_2_20180217T171754_20180217T172547_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T181725_C001  SWH Averaging Status Ocean Backscatter Averaging Status Common records.  SWH Averaging Status Common 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 Flag has 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 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 O	CS_OFFL_SIR_GOPM_2_20180217T172853_20180217T180247_C001		
CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001  SWH Averaging Status  In Eackscatter 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 Flag has been set for one or more records.  SWH Averaging Status  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T193050_C001  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.  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 SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averag	CS_OFFL_SIR_GOPM_2_20180217T181640_20180217T181725_C001	SWH Averaging Status, Ocean	
CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001  CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T19306_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195711_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195711_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195711_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195711_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195711_C001	CS_OFFL_SIR_GOPM_2_20180217T183834_20180217T185558_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180217T190757_20180217T193050_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backs	CS_OFFL_SIR_GOPM_2_20180217T185725_20180217T190237_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180217T193335_20180217T194306_C001  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 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
CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_C001  CS_OFFL_SIR_GOPM_2_20180217T195439_20180217T195514_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.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS. OEFL. SIR. GOPM. 2.20180217T195627. 20180217T195711. 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
CS_OFFI_SIR_GOPM_2_20180217T201336_20180217T201945_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or			The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.		Backscatter Averaging Status	more records.

CS_OFFL_SIR_GOPM_2_20180217T202051_20180217T203501_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_20180217T204745_20180217T211926_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_20180217T213726_20180217T215646_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_20180217T215652_20180217T220926_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_20180217T221850_20180217T222045_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T222715_20180217T224310_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_20180217T224514_20180217T225531_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_20180217T231244_20180217T231446_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180217T231735_20180217T231923_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_20180217T232208_20180217T233354_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_20180217T235721_20180218T000006_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180217T000416_20180217T000508_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_20180217T185559_20180217T185724_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180217T221616_20180217T221850_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180217T222549_20180217T222714_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_20180217T004448_20180217T004525_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_20180217T064627_20180217T064707_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_20180217T180649_20180217T181331_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_20180217T204652_20180217T204745_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_20180217T213637_20180217T213726_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).

Number of products with errors:

#### 6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180217T072718_20180217T081657_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220180217T230959_20180217T235934_C002	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.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180217T000049_20180217T005024_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T005024_20180217T014003_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_20180217T014003_20180217T022938_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_20180217T022938_20180217T031916_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_20180217T031916_20180217T040851_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T040851_20180217T045830_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_20180217T045830_20180217T054805_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180217T054805_20180217T063744_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_20180217T063744_20180217T072718_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_20180217T072718_20180217T081657_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_220180217T081657_20180217T090632_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_20180217T090632_20180217T095611_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_20180217T095611_20180217T104545_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_20180217T104545_20180217T113524_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_20180217T113524_20180217T122459_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_20180217T122459_20180217T131438_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_20180217T131438_20180217T140413_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_20180217T140413_20180217T145351_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T145351_20180217T154326_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_20180217T154326_20180217T163305_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T163305_20180217T172240_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_20180217T172240_20180217T181219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T181219_20180217T190153_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_20180217T190153_20180217T195132_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T195132_20180217T204107_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T204107_20180217T213046_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T213046_20180217T222020_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T222020_20180217T230959_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_20180217T230959_20180217T235934_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

### 6.7 P2P SWH and Backscatter Measurement Check

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

Currently, there are three common status flags raised in the P2P products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180217T000049_20180217T005024_C002		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T005024_20180217T014003_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_20180217T014003_20180217T022938_C001		The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T022938_20180217T031916_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_20180217T031916_20180217T040851_C001	Backscatter Averaging Status Ice	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T040851_20180217T045830_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_220180217T045830_20180217T054805_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T054805_20180217T063744_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_20180217T063744_20180217T072718_C001	IBackscatter Averaging Status Ice	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_2_20180217T072718_20180217T081657_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_20180217T081657_20180217T090632_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_20180217T090632_20180217T095611_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_20180217T095611_20180217T104545_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_20180217T104545_20180217T113524_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_20180217T113524_20180217T122459_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_20180217T122459_20180217T131438_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_20180217T131438_20180217T140413_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_20180217T140413_20180217T145351_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_20180217T145351_20180217T154326_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_20180217T154326_20180217T163305_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_20180217T163305_20180217T172240_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_20180217T172240_20180217T181219_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_20180217T181219_20180217T190153_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_20180217T190153_20180217T195132_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_20180217T195132_20180217T204107_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_20180217T204107_20180217T213046_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_20180217T213046_20180217T222020_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_20180217T222020_20180217T230959_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_20180217T230959_20180217T235934_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T235934_20180218T004913_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has 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_20180217T000049_20180217T005024_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T005024_20180217T014003_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T014003_20180217T022938_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T022938_20180217T031916_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T031916_20180217T040851_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T040851_20180217T045830_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T054805_20180217T063744_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T063744_20180217T072718_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T072718_20180217T081657_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T081657_20180217T090632_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T090632_20180217T095611_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T095611_20180217T104545_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T104545_20180217T113524_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T113524_20180217T122459_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T122459_20180217T131438_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T140413_20180217T145351_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180217T145351_20180217T154326_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180217T154326_20180217T163305_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_2_20180217T163305_20180217T172240_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180217T172240_20180217T181219_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180217T181219_20180217T190153_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
00 0551 015 005 0 004000457405400 004000457004405 0004	0 5 1 1: 0 1: 5	TI 0 D. II 0 II FI 1 1 1 1 1
CS_OFFL_SIR_GOP_220180217T195132_20180217T204107_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS OFFL SIR GOP 2 20180217T204107 20180217T213046 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
00_011E_011\_001 _2201002111204101_201002111213040_0001	Occar retracking Quality Flag	The occan retracking equality riag has been set for one or more records.
CS OFFL SIR GOP 2 20180217T213046 20180217T222020 C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
C3_011L_311\_GOF_2201002171213040_201002171222020_C001	Ocean Netracking Quality Hag	The Ocean Netracking Quality Flag has been set for one of more records.
00 000 000 0 004000477000000 004000477000000 0004	Occasional Detection of Constitution	The Occupancy Detection Occupies Flooring beautiful and for a constant of the
CS_OFFL_SIR_GOP_220180217T222020_20180217T230959_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CC OFFI CID COD 2 2040024772200F0 20400247722F024 C002	Ocean Detrocking Quality Flor	The Ocean Betweeking Overlity Flor has been set for one or many
CS_OFFL_SIR_GOP_220180217T230959_20180217T235934_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
	"	