



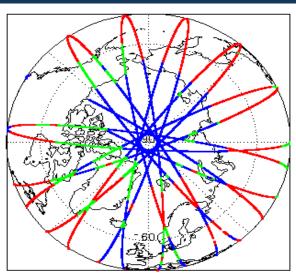
## 1. Overview

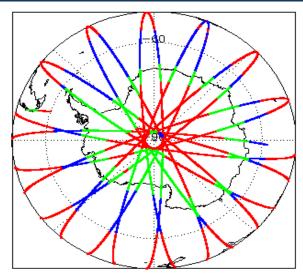
Report Production:	07-Nov-2018	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data	

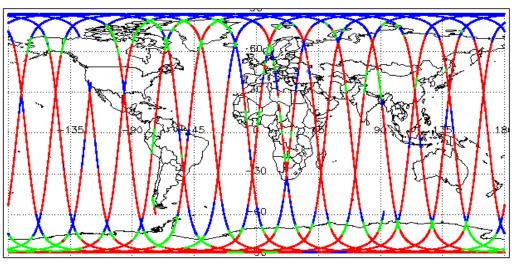
<u> </u>		
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

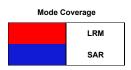
Mission / Instrument News		
03-Nov-2018	None	
04-Nov-2018	None	
05-Nov-2018	Nothing planned	

# 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. IOP Level 1B Data Quality Check

## 4.1 L1B Product Format Check

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

Number of products with errors:

0

#### 4.2 L1B Product Header Analysis

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

#### 4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

(

#### 4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

0

#### 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:

19

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20181104T085528_20181104T091210_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20181104T092456_20181104T092830_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20181104T112408_20181104T113816_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20181104T191202_20181104T191635_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20181104T222648_20181104T224248_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20181104T093829_20181104T093950_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20181104T101835_20181104T102445_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20181104T125701_20181104T130156_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20181104T192747_20181104T193045_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20181104T210844_20181104T210944_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20181104T224248_20181104T224515_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20181104T224643_20181104T224858_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20181104T025447_20181104T030341_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20181104T035417_20181104T035645_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20181104T083619_20181104T084317_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20181104T093118_20181104T093721_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20181104T143214_20181104T143723_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20181104T161113_20181104T161918_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20181104T170933_20181104T171337_C001	Loss of Echo	The tracking echo is missing for one or more records

### 5. IOP Level 2 Data Quality Check

### 5.1 L2 Product Format Check

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

Number of products with errors:

0

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

0

### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

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:

0

### 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

0

### 5.6 L2 Range Measurement Check

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

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

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

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

Number of products with errors:

82

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20181104T002616_20181104T003103_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T003124_20181104T003243_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T003837_20181104T010036_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T010038_20181104T010406_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T013722_20181104T020123_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T020609_20181104T021002_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T021007_20181104T021017_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T021023_20181104T021348_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T021725_20181104T022820_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T023352_20181104T024346_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T030627_20181104T034049_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T034428_20181104T034915_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T035808_20181104T040737_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T040812_20181104T043047_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T044227_20181104T044524_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T051535_20181104T051728_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T052419_20181104T052944_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T053710_20181104T055750_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T060036_20181104T061201_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T062209_20181104T062538_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T064148_20181104T065803_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T070345_20181104T070842_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T071543_20181104T074817_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T080218_20181104T080306_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T081114_20181104T083619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T084554_20181104T084747_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T085528_20181104T091210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T091651_20181104T092445_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T094451_20181104T100049_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T100303_20181104T101753_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T102741_20181104T103200_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T103432_20181104T104839_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T105017_20181104T110505_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T112408_20181104T113816_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T114452_20181104T115814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T120237_20181104T121103_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T121432_20181104T123606_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T130156_20181104T130941_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T131201_20181104T133758_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T134139_20181104T134335_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T134424_20181104T134917_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T135412_20181104T141808_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T145049_20181104T150044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T150622_20181104T151553_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T152345_20181104T152943_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOPM_2_20181104T153305_20181104T160012_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T160736_20181104T161027_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T162231_20181104T165458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T170252_20181104T170814_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T171450_20181104T171611_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T174604_20181104T174955_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T180136_20181104T181053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T183501_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184255_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T202153_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T202213_20181104T202524_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T203253_20181104T210418_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T210527_20181104T210703_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T210703_20181104T210844_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T211801_20181104T213134_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T213510_20181104T213709_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T213712_20181104T215313_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T215541_20181104T220051_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T221039_20181104T222106_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T222648_20181104T224248_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T230617_20181104T231634_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T231813_20181104T233142_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T233501_20181104T234001_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T234839_20181104T235021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20181104T020344_20181104T020609_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20181104T021017_20181104T021023_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20181104T035251_20181104T035417_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T053255_20181104T053710_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T121251_20181104T121432_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T133758_20181104T134019_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T165458_20181104T165935_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T192548_20181104T192649_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_IOPM_2_20181104T002616_20181104T003103_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T003124_20181104T003243_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T003837_20181104T010036_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T010038_20181104T010406_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T013722_20181104T020123_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T020609_20181104T021002_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

COUNT DISCOVERY DISCOVERY DEVICE CONTROL OF THE SERVICE CONTROL OF T			The les Backsoottes Assessing Chatra Flag has been act for one or many
Comparing   Comp	CS_OFFL_SIR_IOPM_2_20181104T021007_20181104T021017_C001	Ice Backscatter Averaging Status	
Secretary for Progress (Secretary Country Coun	CS_OFFL_SIR_IOPM_2_20181104T021023_20181104T021348_C001	Ice Backscatter Averaging Status	
Decompton   Deco	CS_OFFL_SIR_IOPM_2_20181104T021725_20181104T022820_C001		* * * * * * * * * * * * * * * * * * * *
Description	CS_OFFL_SIR_IOPM_2_20181104T023352_20181104T024346_C001		
Des. OFFL. SELLOWAL, 201918101930402, 201918101700407, 2019  SELLOWAL, 20191810190040, 20191810170040, 20191810170040, 2019181017004040, 20191810	CS_OFFL_SIR_IOPM_2_20181104T030627_20181104T034049_C001	SWH Averaging Status, Ocean	
See, DEFF_BILLIONS_2 2015 IOSTOCRATION_CODE  COLUMN CODES BELLION ACCORDING DISEAS. OCCUR.  COLUMN CODES BELLION ACCORD	CS_OFFL_SIR_IOPM_2_20181104T034428_20181104T034915_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
GO CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2019 TOTAL COST  COST CPFL SRI (OPFL 2 2018) IOSTOCKED 2	CS OFFL SIR IOPM 2 20181104T035808 20181104T040737 C001		The SWH and Ocean Averaging Status Flags have been set for one or
Co. DEF., BILLOW J. 2018104T04407, 2018104T044031, Date  G. DEF., BILLOW J. 2018104T03033, 2018104T050712 (Left  G. DEF., BILLOW J. 2018104T030340, 2018104T05034 (Left  G. DEF., BILLOW J. 2018104T030340, 2018104T05034 (Left  G. DEF., BILLOW J. 2018104T030340, 2018104T05034 (Left  G. DEF., BILLOW J. 2018104T03034, 2018104T05034 (Left  G. DEF., BILLOW J. 2018104T03034, 2018104T05034 (Left  G. DEF., BILLOW J. 2018104T03034, 2018104T05034 (Left  G. DEF., BILLOW J. 2018104T030334, 2018104T05034 (Left  G. DEF., BILLOW J. 2018104T03034, 2018104T103034 (Left  G. DEF., BILLOW J. 2018104T03034, 2018104T10304 (Left  G. DEF., BILLOW J. 2018104T03044 (Left  G. DEF., BILLOW J. 2018104T03044 (Left  G. DEF., BI		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Set OFFL, Site Comp. 2 point reach tools to post the company date of the company dates of the		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_CPFL_SIN_CPM_2_20011011703710_00110170370_00110170370_001107037			
Compression			
So, CPFL, SPIL, DPM 2, 201911047198209, 2019110477082519, CORD  SO, CPFL, SPIL, DPM 2, 201911047198209, 201911047083919, CORD  SO, CPFL, SPIL, DPM 2, 201911047198209, 20191104708391, CORD  SO, CPFL, SPIL, DPM 2, 20191104719841, 2019104708391, CORD  SO, CPFL, SPIL, DPM 2, 201911047198592, 2019104708391, CORD  SO, CPFL, SPIL, DPM 2, 201911047198592, 2019104708391, CORD  SO, CPFL, SPIL, DPM 2, 201911047198592, 2019104708391, CORD  SO, CPFL, SPIL, DPM 2, 20191104709591, 20191047070910, CORD  SO, CPFL, SPIL, DPM 2, 20191104709592, 2019104709592, CORD  SO, CPFL, SPIL, DPM 2, 20191104709593, 2019104709593, CORD  SO, CPFL, SPIL, DPM 2, 20191104709593, 2019104709593, CORD  SO, CPFL, SPIL, DPM 2, 20191104709593, 2019104709593, CORD  SO, CPFL, SPIL, DPM 2, 20191104709593, CORD  SO, CPFL, SPIL, DPM 2, 201911047105950, 2019104709593, CORD  SO, CPFL, SPIL, DPM 2, 201911047105950, 2019104709593, CORD  SO, CPFL, SPIL, DPM 2, 201911047105950, 20191047105950, CORD  SO, CPFL, SPIL, DPM		, ,	
Secretary Accorage Status  Secretary Accorage St		3 3	
Leaderstant Averaging Status  Sing PAPE, aller (PME 2, 2018) 1047071612 (2018) 104707617 (2018)  Sing PAPE 2, 2018) 1047071613 (2018) 104707617 (2018)  Sing PAPE 2, 2018) 1047076181 (2018) 104707617 (2018)  Sing PAPE 2, 2018) 1047076181 (2018) 104707617 (2018)  Sing PAPE 2, 2018) 1047076181 (2018) 1047076189 (2018)  Sing PAPE 2, 2018) 1047076180 (2018) 1047076189 (2018)  Sing PAPE 2, 2018) 104707618 (141707618) (2018) 1047076189 (2018)  Sing PAPE 2, 2018) 1047076189 (2018) 1047076189 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2018) 104707619 (2		Backscatter Averaging Status	more records.
Secretary Averaging Status Plans (1997) Application of the Plans of the Averaging Status Plans (1997) Averaging Status Plans (		Backscatter Averaging Status	more records.
Backscatter Averaging Status   Tops	CS_OFFL_SIR_IOPM_2_20181104T064148_20181104T065803_C001	Backscatter Averaging Status	more records.
Beskostalit Averaging Status  Fig. CPFL_SIR_OPM _2_2016104T09552_2018104T091210_C001  ES_OFFL_SIR_OPM _2_2016104T09552_20181104T091210_C001  ES_OFFL_SIR_OPM _2_2016104T09552_20181104T091210_C001  ES_OFFL_SIR_OPM _2_2016104T09652_20181104T091210_C001  ES_OFFL_SIR_OPM _2_2016104T09652_20181104T091210_C001  ES_OFFL_SIR_OPM _2_2016104T09652_20181104T091210_C001  ES_OFFL_SIR_OPM _2_2016104T09652_20181104T091210_C001  ES_OFFL_SIR_OPM _2_2016104T09645_2018104F10049_C001  ES_OFFL_SIR_OPM _2_2016104T109645_2018104F10049_C001  ES_OFFL_SIR_OPM _2_2016104T110049_C001  ES_OFFL_SIR_OPM _2_2016104T110049_C001  ES_OFFL_SIR_OPM _2_2016104T110049_C001  ES_OFFL_SIR_OPM _2_2016104T110049_C001  ES_OFFL_SIR_OPM _2_2016104T110049_C001  ES_OFFL_SIR_OPM _2_2016104T110041_C001  ES_OFFL_SIR_OPM _2_2016104T110041_C001  ES_OFFL_SIR_OPM _2_2016104T110041_C001  ES_OFFL_SIR_OPM _2_2016104T110041_C001  ES_OFFL_SIR_OPM _2_2016104T100412_00101  ES_OFFL_SIR_OPM _2_2016104T100412_00101  ES_OFFL_SIR_OPM _2_2016104T10041_C001  ES_OFFL_SIR_OPM _2_2016104T100412_00101  ES_OFFL_SI	CS_OFFL_SIR_IOPM_2_20181104T071543_20181104T074817_C001	Backscatter Averaging Status	more records.
S. OFFL. SR. JOHN 2_20181104T09185 _20181104T109246 C010  SC. OFFL. SR. JOHN 2_20181104T09185 _20181104T109246 C011  SC. OFFL. SR. JOHN 2_20181104T09185 _20181104T109246 C011  SC. OFFL. SR. JOHN 2_20181104T09185 _20181104T109240 C011  SC. OFFL. SR. JOHN 2_20181104T09185 _20181104T109240 C011  SC. OFFL. SR. JOHN 2_20181104T10033 _20181104T1093 C011  SC. OFFL. SR. JOHN 2_20181104T10033 _20181104T1033 C011  SC. OFFL. SR. JOHN 2_20181104T11033 _20181104T11033 C011  SC. OFFL. SR. JOHN 2_20181104T11303 _20181104T11033 C011  SC. OFFL. SR. JOHN 2_20181104T11303 _20181104T11308 C011  SC. OFFL. SR. JOHN 2_20181104T11303 _20181104T11308 C011  SC. OFFL. SR. JOHN 2_20181104T11303 _20181104T1308 C011  SC. OFFL. SR. JOHN 2_20181104T1303 _20181104T1308 C011  SC. O	CS_OFFL_SIR_IOPM_2_20181104T081114_20181104T083619_C001		more records.
Secretary 2 control of the control o	CS_OFFL_SIR_IOPM_2_20181104T084554_20181104T084747_C001		records.
Badocater Averaging Status Flag has been set for one or more seconds.  Soft-List John 2, 2018/1047104541, 2018/104710049, 2018  Soft-List John 2, 2018/104710459, 2018/104710153, 2001  Badocater Averaging Status Flag has been set for one or more seconds.  Soft-List John 2, 2018/104710459, 2018/10471045	CS_OFFL_SIR_IOPM_2_20181104T085528_20181104T091210_C001	Backscatter Averaging Status	more records.
SO, OFFL_SIR_IOPM_2_20181104T109452_0181104T109405_001  SO, OFFL_SIR_IOPM_2_20181104T109232_0181104T109405_001  SO, OFFL_SIR_IOPM_2_20181104T109232_0181104T109405_001  SO, OFFL_SIR_IOPM_2_20181104T109402_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109402_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109502_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109502_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109502_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109502_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109502_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109502_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T109402_0181104T109406_001  SO, OFFL_SIR_IOPM_2_20181104T1	CS_OFFL_SIR_IOPM_2_20181104T091651_20181104T092445_C001		
Seadoscatific Averaging Status  Fig. (SPR_JSR_JOPM_2_20181104710274_201811047103000_0001  SC_SCPE_JSR_JOPM_2_20181104710274_201811047103000_0001  SC_SCPE_JSR_JOPM_2_20181104710274_201811047103000_0001  SC_SCPE_JSR_JOPM_2_20181104710274_201811047104830_0001  SC_SCPE_JSR_JOPM_2_20181104710274_201811047104800_0001  SC_SCPE_JSR_JOPM_2_20181104710400_201811047130600_0001  SC_SCPE_JSR_JOPM_2_20181104710400_201811047130600_0001  SC_SCPE_JSR_JOPM_2_201811047110400_201811047130600_0001  SC_SCPE_JSR_JOPM_2_20181104713018_201811047130600_0001  SC_SCPE_JSR_JOPM_2_201811047130500_001811047150500_0001  SC_SCPE_JSR_JOPM_2_201811047130500_00181104715000_0001800000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20181104T093950_20181104T094249_C001	Ice Backscatter Averaging Status	
SG OFFL_SIR_IOPM_2_20181104T10241_20181104T102402_0001  SG OFFL_SIR_IOPM_2_20181104T10241_20181104T10200_0001  SG OFFL_SIR_IOPM_2_20181104T104032_20181104T104080_0001  SG OFFL_SIR_IOPM_2_20181104T112402_20181104T104080_001  SG OFFL_SIR_IOPM_2_20181104T12402_20181104T12408_0001  SG OFFL_SIR_IOPM_2_20181104T12402_20181104T12408_0001  SG OFFL_SIR_IOPM_2_20181104T12402_20181104T12404_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T12402_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13942_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13942_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13942_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13942_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13942_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13940_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13940_20181104T13950_001  SG OFFL_SIR_IOPM_2_20181104T13900_20181104T15950_001  SG OFFL_SIR_IOPM_2_20181104T13900_20181104T16950_001  SG OFFL_SIR_IOPM_2_20181104T13900_20181104T16950_001  SG OFFL_SIR_IOPM_2_20181104T18900_20181104T16950_001  SG OFFL_SIR_IOPM_2_2018	CS_OFFL_SIR_IOPM_2_20181104T094451_20181104T100049_C001		* * *
CS_OFFL_SIR_IOPM_2_20181104T103432_20181104T10830_C001  SWM Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWM Averaging Status. Ocean Backscatter Averaging Status. Status one records.  SWM Averaging Status Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status. Status SWM Averaging Status. Status SWM Averaging Status Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status Status. Ocean Backscatter Averaging Status SWM Averaging Status Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status SWM Averaging Status Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status SWM Averaging Status. Ocean Backscatter Averaging Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status. Ocean Backscatter Averaging Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status. Ocean Backscatter Averaging Status. Status SWM Averaging Status. Ocean Backscatter Averaging Status Status SWM Averaging Status Status. Ocean Backscatter Averaging Status. Ocean Backscatter Averaging Status Status SWM A	CS_OFFL_SIR_IOPM_2_20181104T100303_20181104T101753_C001		
SO FFE_SIR_IOPM_2_20181104T104322_20181104T19505_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19506_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19316_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19406_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19306_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19406_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19406_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19406_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19406_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19406_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19506_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19506_C001 SOVER_SIR_IOPM_2_20181104T19408_20181104T19506_C001 SOVER_SIR_IOPM_2_20181104T195062_20181104T19506_C001 SOVER_SIR_IOPM_2_20181104T19506_20181104T19506_C001 SOVER_SIR_IOPM_2_20181104T19506_20181104T195	CS_OFFL_SIR_IOPM_2_20181104T102741_20181104T103200_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL_SIR_IOPM_2_20181104T19208_20181104T193816_C001  SOFFL_SIR_IOPM_2_20181104T112408_20181104T193816_C001  SOFFL_SIR_IOPM_2_20181104T11240227_20181104T119102_C001  SOFFL_SIR_IOPM_2_20181104T122237_20181104T12103_C001  SOFFL_SIR_IOPM_2_20181104T122237_20181104T129100_C001  SOFFL_SIR_IOPM_2_20181104T122237_20181104T129100_C001  SOFFL_SIR_IOPM_2_20181104T120237_20181104T129100_C001  SOFFL_SIR_IOPM_2_20181104T13101_2018104T13066_C001  SOFFL_SIR_IOPM_2_20181104T13101_2018104T13066_C001  SOFFL_SIR_IOPM_2_20181104T13101_20181104T133758_C001  SOFFL_SIR_IOPM_2_20181104T13101_20181104T133758_C001  SOFFL_SIR_IOPM_2_20181104T13242_20181104T133758_C001  SOFFL_SIR_IOPM_2_20181104T135402_20181104T13500_C001  SOFFL_SIR_IOPM_2_20181104T135402_20181104T15530_C001  SOFFL_SIR_IOPM_2_20181104T135402_2018104T150404_C001  SOFFL_SIR_IOPM_2_20181104T16002_20181104T150404_C001  SOFFL_SIR_IOPM_2_20181104T160032_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180032_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180032_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180042_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180042_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180042_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180042_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180042_20181104T160042_C001  SOFFL_SIR_IOPM_2_20181104T180042_20181104T190042_C001  SOFFL_SIR_IOPM_2_20181104T180042_20181104T190042_C001  SOFFL_SIR_IOPM_2_2018110	CS_OFFL_SIR_IOPM_2_20181104T103432_20181104T104839_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFF_SIR_IOPM_2_20181104T112408_20181104T11814_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFF_SIR_IOPM_2_20181104T121432_20181104T12130_C001  CS_OFF_SIR_IOPM_2_20181104T121432_20181104T12306_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFF_SIR_IOPM_2_20181104T130156_20181104T13066_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFF_SIR_IOPM_2_20181104T131201_20181104T133766_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFF_SIR_IOPM_2_20181104T131201_20181104T133766_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFF_SIR_IOPM_2_20181104T131442_42181104T141806_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  Th	CS_OFFL_SIR_IOPM_2_20181104T105017_20181104T110505_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO FFE_SIR_IOPM_2_20181104T11482_20181104T12130_C001  SO FFE_SIR_IOPM_2_20181104T121432_20181104T121403_C001  SO FFE_SIR_IOPM_2_20181104T121432_20181104T121405_C001  SO FFE_SIR_IOPM_2_20181104T1310152_20181104T130917_C001  SO FFE_SIR_IOPM_2_20181104T1310152_20181104T130917_C001  SO FFE_SIR_IOPM_2_20181104T1310152_20181104T130917_C001  SO FFE_SIR_IOPM_2_20181104T1310152_20181104T1309017_C001  SO FFE_SIR_IOPM_2_20181104T1310400_20181104T1309017_C001  SO FFE_SIR_IOPM_2_20181104T1310400_20181104T16004_C001  SO FFE_SIR_IOPM_2_20181104T130400_20181104T150044_C001  SO FFE_SIR_IOPM_2_20181104T150452_20181104T15040017_C001  SO FFE_SIR_IOPM_2_20181104T150400_20181104T15040017_C001  SO FFE_SIR_IOPM_2_20181104T150400017_C001  SO FFE_SIR_IOPM_2_20181104T16040017_C001  SO FFE_SIR_IOPM_2_20181104T160400181104T174955_C001  SO FFE_SIR_IOPM_2_20181104T18040017_C001  SO FFE_SIR_IOPM_2_20181104T180400017_C001  SO FFE_SIR_IOPM_2_20181104T18040001018104T18040001  SO FFE_SIR_IOPM_2_20181104T180400018104T18040001  SO FFE_SIR_IOPM_2_20181104T1804000018104T18040001  SO FFE_SIR_IOPM_2_20181104T1804000018104T180400001  SO FFE_SIR_IOPM_2_201	CS_OFFL_SIR_IOPM_2_20181104T112408_20181104T113816_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_JOPM_2_20181104T12103_20181104T1210360_C001  CS_OFFL_SIR_JOPM_2_20181104T12132_20181104T123086_C001  CS_OFFL_SIR_JOPM_2_20181104T130941_C001  CS_OFFL_SIR_JOPM_2_20181104T131201_20181104T13958_C001  CS_OFFL_SIR_JOPM_2_20181104T131201_20181104T139578_C001  CS_OFFL_SIR_JOPM_2_20181104T131201_20181104T139578_C001  CS_OFFL_SIR_JOPM_2_20181104T13401_C001  CS_OFFL_SIR_JOPM_2_20181104T13401_C001  CS_OFFL_SIR_JOPM_2_20181104T13401_C001  CS_OFFL_SIR_JOPM_2_20181104T13401_C001  CS_OFFL_SIR_JOPM_2_20181104T13401_C001  CS_OFFL_SIR_JOPM_2_20181104T15040_20181104T15034_C001  CS_OFFL_SIR_JOPM_2_20181104T15035_C001  CS_OFFL_SIR_JOPM_2_20181104T15035_C001  CS_OFFL_SIR_JOPM_2_20181104T160012_C001  CS_OFFL_SIR_JOPM_2_20181104T1600012_C001  CS_OFFL_SIR_JOPM_2_201	CS_OFFL_SIR_IOPM_2_20181104T114452_20181104T115814_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO FFE_SIR_IOPM_2_20181104T12326_20181104T13956_C01  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C01  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C01  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C01  SO FFE_SIR_IOPM_2_20181104T13956_20181104T135956_C01  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T13956_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T139536_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T139380_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T139380_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T139380_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T139380_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T139380_20181104T13956_C001  SO FFE_SIR_IOPM_2_20181104T139380_20181104T1395380_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C00181048T139580_C001	CS OFFL SIR IOPM 2 20181104T120237 20181104T121103 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SS_OFFL_SIR_IOPM_2_20181104T130156_201810457130156_20181		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOLOFFL_SIR_IOPM_2_20181104T131201_20181104T1314917_C001  SOLOFFL_SIR_IOPM_2_20181104T13442_20181104T134917_C001  SOLOFFL_SIR_IOPM_2_20181104T13442_20181104T134917_C001  SOLOFFL_SIR_IOPM_2_20181104T13408_C001  SOLOFFL_SIR_IOPM_2_20181104T13408_C001  SOLOFFL_SIR_IOPM_2_20181104T13608_20181104T150044_C001  SOLOFFL_SIR_IOPM_2_20181104T150042_20181104T151553_C001  SOLOFFL_SIR_IOPM_2_20181104T150042_20181104T150044_C001  SOLOFFL_SIR_IOPM_2_20181104T150042_20181104T150044_C001  SOLOFFL_SIR_IOPM_2_20181104T150042_20181104T150042_C001  SOLOFFL_SIR_IOPM_2_20181104T150042_20181104T160012_C001  SOLOFFL_SIR_IOPM_2_20181104T160038_20181104T160012_C001  SOLOFFL_SIR_IOPM_2_20181104T160038_20181104T160012_C001  SOLOFFL_SIR_IOPM_2_20181104T160038_20181104T160012_C001  SOLOFFL_SIR_IOPM_2_20181104T160038_20181104T160012_C001  SOLOFFL_SIR_IOPM_2_20181104T1700038_20181104T160010  SOLOFFL_SIR_IOPM_2_20181104T1700038_20181104T160010  SOLOFFL_SIR_IOPM_2_20181104T1700038_20181104T160010  SOLOFFL_SIR_IOPM_2_20181104T1700038_20181104T180036_C001  SOLOFFL_SIR_IOPM_2_20181104T1700038_20181104T180001  SOLOFFL_SIR_IOPM_2_20181104T1700038_20181104T180036_C001  SOLOFFL_SIR_IOPM_2_20181104T1700038_20181104T180036_C001  SOLOFFL_SIR_IOPM_2_20181104T180038_20181104T180036_C001  SOLOFFL_SIR_IOPM_2_20181104T180038_20181104		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Sackscatter Averaging Status and Decan Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SWH Averaging Status, Cean Backscatter Averaging Status Flags have been set for one or			
SWH Averaging Status SWH Avera			
Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The Ioe Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more recor			more records.
CS_OFFL_SIR_IOPM_2_20181104T152345_20181104T152943_C001		Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20181104T163305_20181104T160012_C001  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status SWH and Ocean Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_IOPM_2_20181104T16231_20181104T16102T_C001  CS_OFFL_SIR_IOPM_2_20181104T162231_20181104T165458_C001  CS_OFFL_SIR_IOPM_2_20181104T170252_20181104T170814_C001  CS_OFFL_SIR_IOPM_2_20181104T174604_20181104T174955_C001  CS_OFFL_SIR_IOPM_2_20181104T180136_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T183501_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T180708_C001  CS_OFFL_SIR_IOPM_2_20181104T189232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402_20181104T191030_C001  CS_OFFL_SIR_IOPM_2_20181104T1910402			more records.
Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20181104T160736_20181104T161027_C001  CS_OFFL_SIR_IOPM_2_20181104T162231_20181104T165458_C001  CS_OFFL_SIR_IOPM_2_20181104T170252_20181104T170814_C001  CS_OFFL_SIR_IOPM_2_20181104T170252_20181104T170814_C001  CS_OFFL_SIR_IOPM_2_20181104T174604_20181104T174955_C001  CS_OFFL_SIR_IOPM_2_20181104T174604_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T181388_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T181388_20181104T184055_C001  CS_OFFL_SIR_IOPM_2_20181104T184134_20181104T184555_C001  CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184555_C001  CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184555_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T191022_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T19103330_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T19103330_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T19103330_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T19103330_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001	CS_OFFL_SIR_IOPM_2_20181104T152345_20181104T152943_C001		records.
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20181104T162231_20181104T165458_C001  CS_OFFL_SIR_IOPM_2_20181104T170252_20181104T170814_C001  CS_OFFL_SIR_IOPM_2_20181104T170252_20181104T174955_C001  CS_OFFL_SIR_IOPM_2_20181104T174604_20181104T174955_C001  CS_OFFL_SIR_IOPM_2_20181104T180136_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T18350_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T18455_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T18455_C001  CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T18455_C001  CS_OFFL_SIR_IOPM_2_20181104T184104_20181104T18455_C001  CS_OFFL_SIR_IOPM_2_20181104T184104_20181104T18455_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T19003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_2018104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190802_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190802_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190802_20181104T191035_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191035_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T191035_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201353_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201353_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201353_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201353_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201353_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201353_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201353_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201355_C001  CS_OFFL_SIR_IOPM_2_20181104T1		Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20181104T170814_C001  CS_OFFL_SIR_IOPM_2_20181104T170814_C001  CS_OFFL_SIR_IOPM_2_20181104T174604_20181104T174955_C001  CS_OFFL_SIR_IOPM_2_20181104T180136_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T18138_20181104T18053_C001  CS_OFFL_SIR_IOPM_2_20181104T18138_20181104T18501_C001  CS_OFFL_SIR_IOPM_2_20181104T18138_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191033_C001  CS_OFFL_SIR_IOPM_2_20181104T190	CS_OFFL_SIR_IOPM_2_20181104T160736_20181104T161027_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20181104T170232_20181104T18055_C001  CS_OFFL_SIR_IOPM_2_20181104T180136_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T18255_C001  CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T19030_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191003_C0	CS_OFFL_SIR_IOPM_2_20181104T162231_20181104T165458_C001		more records.
CS_OFFL_SIR_IOPM_2_20181104T174004_20181104T181053_C001  CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T183501_C001  CS_OFFL_SIR_IOPM_2_20181104T1841338_20181104T183501_C001  CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T19380_20181104T201339_C001  CS_OFFL_SIR_IOPM	CS_OFFL_SIR_IOPM_2_20181104T170252_20181104T170814_C001		records.
CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T183501_C001  CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201330_	CS_OFFL_SIR_IOPM_2_20181104T174604_20181104T174955_C001		
CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184255_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T19232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191002_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191002_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201339_C	CS_OFFL_SIR_IOPM_2_20181104T180136_20181104T181053_C001		
CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184255_C001  Loe Backscatter Averaging Status  The loe Backscatter Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T20153_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201651_20181104T201651_201811	CS_OFFL_SIR_IOPM_2_20181104T181338_20181104T183501_C001		
CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001  CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001  CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_C001  CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T201330_	CS_OFFL_SIR_IOPM_2_20181104T184144_20181104T184255_C001		
CS_OFFL_SIR_IOPM_2_20181104T193232_20181104T190214_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001	CS_OFFL_SIR_IOPM_2_20181104T184301_20181104T184708_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20181104T185232_20181104T190214_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20181104T190402_20181104T191003_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20181104T191202_20181104T191635_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20181104T201651_20181104T202153_C001	CS_OFFL_SIR_IOPM_2_20181104T193830_20181104T201339_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
records.			The Ice Backscatter Averaging Status Flag has been set for one or more
	-		records.

CS_OFFL_SIR_IOPM_2_20181104T202213_20181104T202524_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T203253_20181104T210418_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T210527_20181104T210703_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T210703_20181104T210844_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T211801_20181104T213134_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T213510_20181104T213709_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T213712_20181104T215313_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T215541_20181104T220051_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T221039_20181104T222106_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T222648_20181104T224248_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T230617_20181104T231634_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T231813_20181104T233142_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T233501_20181104T234001_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181104T234839_20181104T235021_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPN_2_20181104T020344_20181104T020609_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20181104T021017_20181104T021023_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20181104T035251_20181104T035417_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T053255_20181104T053710_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T121251_20181104T121432_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T133758_20181104T134019_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T165458_20181104T165935_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPR_2_20181104T192548_20181104T192649_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

#### 5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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

Number of products with errors:

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

## 6.1 P2P Product Format Check

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

Number of products with errors:

#### 6.2 P2P Product Header Analysis

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

Number of products with errors: 0

#### 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

# 6.4 P2P Auxiliary Correction Error Check

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

Number of products with errors:

## 6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

#### 6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220181103T234132_20181104T003110_C002	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T003110_20181104T012045_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T012045_20181104T021023_C001		The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOP_2_20181104T021023_20181104T025959_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOP 2 20181104T025959 20181104T034937 C001	Ocean Range Averaging Status, Ice	records. The Ocean and Ice Range Averaging Status Flags have been set for one
CS_OFFL_SIR_IOP_220181104T034937_20181104T043912_C001	Range Averaging Status Ocean Range Averaging Status	or more records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_3IK_IOF_2201611041034937_201611041043912_C001		records. The Ocean and Ice Range Averaging Status Flags have been set for one
CS_OFFL_SIR_IOP_220181104T043912_20181104T052850_C001	Ocean Range Averaging Status, Ice Range Averaging Status	or more records.
CS_OFFL_SIR_IOP_220181104T052850_20181104T061826_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T061826_20181104T070804_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T070804_20181104T075739_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T075739_20181104T084717_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T084717_20181104T093653_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T093653_20181104T102631_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T102631_20181104T111606_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T111606_20181104T120544_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T120544_20181104T125520_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T125520_20181104T134458_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T134458_20181104T143434_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T143434_20181104T152412_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T152412_20181104T161347_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T161347_20181104T170325_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T170325_20181104T175301_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T175301_20181104T184239_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T184239_20181104T193214_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T193214_20181104T202152_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T202152_20181104T211128_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T211128_20181104T220106_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T220106_20181104T225041_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T225041_20181104T234019_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

## 6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220181103T234132_20181104T003110_C002	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T003110_20181104T012045_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T012045_20181104T021023_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T021023_20181104T025959_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T025959_20181104T034937_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T034937_20181104T043912_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T043912_20181104T052850_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T052850_20181104T061826_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T061826_20181104T070804_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T070804_20181104T075739_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T075739_20181104T084717_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T084717_20181104T093653_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOP_2_20181104T093653_20181104T102631_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T102631_20181104T111606_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T111606_20181104T120544_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T120544_20181104T125520_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T125520_20181104T134458_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T134458_20181104T143434_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T143434_20181104T152412_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T152412_20181104T161347_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T161347_20181104T170325_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T170325_20181104T175301_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T175301_20181104T184239_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T184239_20181104T193214_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T193214_20181104T202152_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T202152_20181104T211128_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T211128_20181104T220106_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181104T220106_20181104T225041_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181104T225041_20181104T234019_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

# 6.8 P2P Ocean Retracking Quality Check

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220181104T003110_20181104T012045_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T012045_20181104T021023_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T025959_20181104T034937_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T034937_20181104T043912_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T043912_20181104T052850_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T052850_20181104T061826_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T061826_20181104T070804_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T070804_20181104T075739_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T075739_20181104T084717_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T084717_20181104T093653_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T093653_20181104T102631_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T102631_20181104T111606_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T111606_20181104T120544_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T120544_20181104T125520_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T125520_20181104T134458_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T134458_20181104T143434_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T152412_20181104T161347_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T161347_20181104T170325_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T170325_20181104T175301_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T175301_20181104T184239_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T184239_20181104T193214_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T193214_20181104T202152_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220181104T202152_20181104T211128_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T211128_20181104T220106_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T220106_20181104T225041_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T225041_20181104T234019_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181104T234019_20181105T002955_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.