



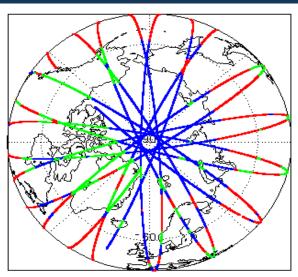
## 1. Overview

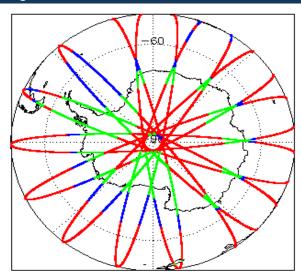
Report Production:	29-Apr-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

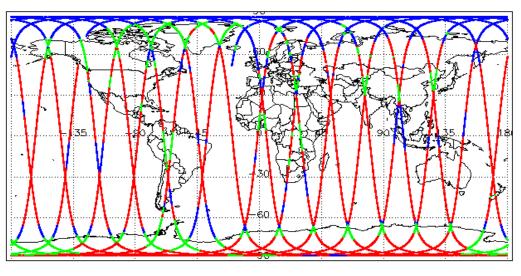
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	See Section 5.2	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
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

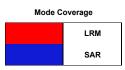
Mission / Instrument News		
25-Apr-2019	SIRAL unavailability on 25-Apr-2019 from approximately 03:29:00 to 06:52:10 and also from approximately 16:01:00 to 19:11:39 due to a planned roll campaign.	
26-Apr-2019	None	
27-Apr-2019	Nothing planned	

# 2. Global Coverage









## 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

## 4. IOP Level 1B Data Quality Check

### 4.1 L1B Product Format Check

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

Number of products with errors:

0

### 4.2 L1B Product Header Analysis

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

#### 4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

24

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20190426T020922_20190426T022141_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20190426T134742_20190426T135712_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20190426T184527_20190426T191258_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T002024_20190426T002443_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T020208_20190426T020436_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T082826_20190426T082916_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T083056_20190426T083156_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T115014_20190426T115130_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T124500_20190426T124643_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T132907_20190426T133043_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T150529_20190426T150931_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T200041_20190426T200206_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190426T223233_20190426T223347_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190426T020701_20190426T020922_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190426T033227_20190426T033839_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190426T064811_20190426T065955_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190426T083157_20190426T083944_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190426T100852_20190426T101112_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190426T124643_20190426T125344_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190426T143254_20190426T143550_C001	Loss of Echo	The tracking echo is missing for one or more records

## 5. IOP Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_IOPR_2_20190426T232004_20190426T232017_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.

### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

### 5.5 L2 Measurement Confidence Data Check

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

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20190426T022956_20190426T023015_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOPM_2_20190426T152912_20190426T153015_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:

79

Product	Test Failed	Description The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T002521_20190426T004401_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T004440_20190426T005752_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190426T011002_20190426T011335_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T011523_20190426T013056_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T013259_20190426T014221_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T020541_20190426T020701_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T020922_20190426T022141_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T023757_20190426T023902_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T024804_20190426T025236_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T025445_20190426T030926_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T034758_20190426T035509_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190426T035632 20190426T042041 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T042308_20190426T043133_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T043414_20190426T045954_C001		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T053312_20190426T054220_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T054754_20190426T055907_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190426T060233_20190426T060354_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T060520_20190426T060935_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T061307_20190426T064034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T070545_20190426T072134_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T072625_20190426T073823_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T074431_20190426T075013_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T075138_20190426T075754_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T082916_20190426T083017_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T084337_20190426T091733_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T092335_20190426T092846_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T093059_20190426T095018_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T100826_20190426T100851_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T102230_20190426T105053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T105058_20190426T105559_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190426T110129 20190426T110334 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190426T110341 20190426T110754 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
	0 0 0	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T111014_20190426T114602_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T120235_20190426T121313_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T121752_20190426T121936_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T122009_20190426T123526_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190426T123713_20190426T124233_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T124252_20190426T124500_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T125344_20190426T130608_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T130757_20190426T132043_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T132151_20190426T132515_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T134742_20190426T135712_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T135914_20190426T141428_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T141638_20190426T142133_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T142938_20190426T143254_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
		records.

CS_OFFL_SIR_IOPM_2_20190426T144736_20190426T145140_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T145143_20190426T150034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T155329_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T163037_20190426T163429_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T170707_20190426T173300_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T173559_20190426T174000_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T174620_20190426T175815_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T180349_20190426T181344_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T184527_20190426T191258_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T191432_20190426T191914_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T192604_20190426T200041_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T204506_20190426T204727_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T204927_20190426T205206_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T205418_20190426T205940_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T210531_20190426T212749_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T213035_20190426T213933_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T215219_20190426T215550_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T221153_20190426T221642_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T221830_20190426T223117_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T223348_20190426T223839_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T224445_20190426T225057_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T225106_20190426T231722_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190426T115014_20190426T115130_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190426T123540_20190426T123646_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190426T205251_20190426T205418_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T033227_20190426T033839_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T034102_20190426T034125_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T075128_20190426T075137_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T132043_20190426T132151_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T212749_20190426T213035_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T215150_20190426T215219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T233005_20190426T233407_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_20190426T002521_20190426T004401_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_20190426T004440_20190426T005752_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_20190426T011002_20190426T011335_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T011523_20190426T013056_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_20190426T013259_20190426T014221_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_20190426T020541_20190426T020701_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_20190426T020922_20190426T022141_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_20190426T024804_20190426T025236_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T025445_20190426T030926_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

SOURCE SIN LOWA 2_20190429T109822_20190429T109823_C0190  CS_OPP_BILL_OMA_2_20190429T109823_20190429T109923_C0190  CS_OPP_BILL_OMA_2_20190429T109923_20190429T109923_C0190  CS_OPP_BILL_OMA_2_20190429T109923_20190429T109923_C	CS_OFFL_SIR_IOPM_2_20190426T034758_20190426T035509_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CG_CPPI_SRI_LOND_2_20100ASTT04312_3104CASTT04312_CDD1  CG_CPPI_SRI_LOND_2_20100ASTT04312_ST04ASTT04302_CDD1  CG_CPPI_SRI_LOND_2_20100ASTT04312_ST04ASTT04302_CDD1  CG_CPPI_SRI_LOND_2_2010ASTT04312_ST04ASTT04302_CDD1  CG_CPPI_SRI_LOND_2_2010ASTT04302_ST04ASTT04302_CDD1  CG_CPPI_SRI_LOND_2_2010ASTT0			
CS_GFFL_SR_(DPM_2_20100ASTT00314_0106ASTT00312_C010  CS_GFFL_SR_(DPM_2_20100ASTT00312_0106ASTT00312_C010  CS_GFFL_SR_(DPM_2_20100ASTT10312_0106ASTT10312_C010  CS_GFFL_SR_(DPM_2_20100ASTT10312			
Subscient Averaging Status. Cover  Soft Full Cover J. 2019042709679 20190427190005 C0101  CS. OFFL. SIR LOPAL 2.20190427100005 20190427190005 C0101  CS. OFFL. SIR LOPAL 2.20190427100405 20190427190005 C010005 C010005 C0101  CS. OFFL. SIR LOPAL 2.20190427100405 20190427190005 C010005 C01005 C010005 C0			
Seg. Perf. Seg. Port J. 2019/04/2019/0		Backscatter Averaging Status	more records.
Secretary Averaging Status  Fig. CPFL_SR_DPM_2_201004070100030_2010407010030_20104070100030_201040701003030_2010407010030_2010407010030_2010407010030_2010407010030_2010407010030_2010407010030_2010407010030_2010407010030_201040701003030_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_201040701003000_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_20104070100300_201040701003000_20104070100300_20104070100300_201040701003000_20104070100300003000000000000000000000000	CS_OFFL_SIR_IOPM_2_20190426T053312_20190426T054220_C001	Backscatter Averaging Status	more records.
CS_OFFL_SR_OPM_2_201904207109302_00190420709305_C001  CS_OFFL_SR_OPM_2_20190420707305_0019042070493_C001  CS_OFFL_SR_OPM_2_20190420707305_00190420707305_C001  CS_OFFL_SR_OPM_2_201904207070305_00190420709305_C001  CS_OFFL_SR_OPM_2_201904207070305_00190420709305_C001  CS_OFFL_SR_OPM_2_201904207070305_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207070305_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207070305_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207100305_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207100305_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207100305_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207100305_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207110035_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207110035_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207110035_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207110035_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207110035_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207110035_001904207100305_C001  CS_OFFL_SR_OPM_2_201904207110035_00190420710035_001904	CS_OFFL_SIR_IOPM_2_20190426T054754_20190426T055907_C001		more records.
CS_OFFL_SIR_IDPM_2_20190426710320_0190426710323_000  SOFFL_SIR_IDPM_2_20190426710323_0190426710323_000  SOFFL_SIR_IDPM_2_20190426707323_000  SOFFL_SIR_IDPM_2_20190426707323_000  SOFFL_SIR_IDPM_2_20190426707323_000  SOFFL_SIR_IDPM_2_20190426707323_000  SOFFL_SIR_IDPM_2_20190426707323_000  SOFFL_SIR_IDPM_2_20190426707333_000  SOFFL_SIR_IDPM_2_20190426707333_000  SOFFL_SIR_IDPM_2_20190426707333_000  SOFFL_SIR_IDPM_2_20190426707333_000  SOFFL_SIR_IDPM_2_20190426707333_000  SOFFL_SIR_IDPM_2_20190426707333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_201904267070333_000  SOFFL_SIR_IDPM_2_20190426700000_000  SOFFL_SIR_IDPM_2_201904267100000_000  SOFFL_SIR_IDPM_2_201904267100000_000  SOFFL_SIR_IDPM_2_201904267100000_000  SOFFL_SIR_IDPM_2_201904267100000_000  SOFFL_SIR_IDPM_2_2019042671100000_000  SOFFL_SIR_IDPM_2_20190426711	CS_OFFL_SIR_IOPM_2_20190426T060233_20190426T060354_C001	Ice Backscatter Averaging Status	records.
Specific Str. (1974) 2, 201904261103942, 201904261103942, 20001  Specific Str. (1974) 2, 201904261103942, 201904261103942, 20001  Backscaller Averaging Status and the control of the cont	CS_OFFL_SIR_IOPM_2_20190426T060520_20190426T060935_C001	Ice Backscatter Averaging Status	
SO PFEL SR JOPM 2 201904261073512 201904261107352 CO11  SO OFFL SR JOPM 2 201904261073513 201904261107352 CO11  SO OFFL SR JOPM 2 201904261073535 201904261107353 CO11  SO OFFL SR JOPM 2 201904261107353 201904261107353 CO11  SO OFFL SR JOPM 2 20190426110735 CO11  SO OFFL SR JOPM 2 20190426111074 CO10  SO OFFL SR JOPM 2 20190426110735 CO11  SO OFFL SR JOPM 2 20190426110735 CO11  SO OFFL SR JOPM 2 20190426111074 CO10  SO OFFL SR JOPM 2 20190426	CS_OFFL_SIR_IOPM_2_20190426T061307_20190426T064034_C001		
SO PERL SIR JOPM 2. 201904267107519; 201904267107519.  SO PERL SIR JOPM 2. 20190426707519; 201904267107519.  SO PERL SIR JOPM 2. 20190426707519; 20190426707519.  SO PERL SIR JOPM 2. 20190426708519; 20190426708510.  SO PERL SIR JOPM 2. 20190426708519; 20190426710851.  SO PERL SIR JOPM 2. 201904267109529; 20190426710851.  SO PERL SIR JOPM 2. 201904267109529; 201904267109551.  SO PERL SIR JOPM 2. 201904267109529; 201904267109551.  SO PERL SIR JOPM 2. 201904267109559; 201904267109559.  SO PERL SIR JOPM 2. 201904267109559; 201904267109559.  SO PERL SIR JOPM 2. 201904267109559; 201904267109559.  SO PERL SIR JOPM 2. 201904267110959; 201904267109559.  SO PERL SIR JOPM 2. 201904267110959; 201904267110959.  SO PERL SIR JOPM 2. 201904267110959.  SO PERL SIR	CS_OFFL_SIR_IOPM_2_20190426T070545_20190426T072134_C001		
CS_OFFL_SR_IOPM_2_20190426719738_201904267109735_C001  SWM Averaging Status. Cocan Backsociate Averaging Status Flags have been set for one or more records.  SOFFL_SR_IOPM_2_20190426709438_201904267109173_C001  SWM Averaging Status. Cocan Backsociate Averaging Status Flags have been set for one or more records.  SOFFL_SR_IOPM_2_20190426709438_201904267109173_C001  SWM Averaging Status. Cocan Backsociate Averaging Status Flags have been set for one or more records.  SOFFL_SR_IOPM_2_20190426709438_201904267109173_C001  SWM Averaging Status. Cocan Backsociate Averaging Status Flags have been set for one or more records.  SWM Averaging Status. Cocan Backsociate Averaging Status.  SWM Averaging Status. Cocan Backsociate Averaging Status Flags have been set for one or more records.  SWM Averaging Status. Cocan Backsociate Averaging Status.  SWM Averaging Status. Cocan Backsociate Averaging Status.  SWM Averaging	CS_OFFL_SIR_IOPM_2_20190426T072625_20190426T073823_C001		
SO, OFFL_SIR_LOPM_2_201904267109313_00194267109317_C001  SS_OFFL_SIR_LOPM_2_201904267109312_01904267109317_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109310_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109310_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109310_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109310_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109310_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109510_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109510_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109510_C001  SS_OFFL_SIR_LOPM_2_201904267109305_201904267109505_C001  SS_OFFL_SIR_LOPM_2_2019042671109505_201904267109505_C001  SS_OFFL_SIR_LOPM_2_2019042671109505_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_2019042671109506_C001  SS_OFFL_SIR_LOPM_2_2019042671109506_C001  SS_OFFL_SIR_LOPM	CS_OFFL_SIR_IOPM_2_20190426T074431_20190426T075013_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL_SIR_IOPM_2_20190426710932_0190426710931_C001  SOFFL_SIR_IOPM_2_201904267109432_01904267090733_C001  SOFFL_SIR_IOPM_2_20190426709090_201904267090918_C001  SOFFL_SIR_IOPM_2_201904267109090_201904267090918_C001  SOFFL_SIR_IOPM_2_201904267109090_201904267090918_C001  SOFFL_SIR_IOPM_2_201904267109090_201904267109091_C001  SOFFL_SIR_IOPM_2_201904267109090_201904267109091_C001  SOFFL_SIR_IOPM_2_201904267109090_201904267109091_C001  SOFFL_SIR_IOPM_2_201904267109090_201904267109091_C001  SOFFL_SIR_IOPM_2_2019042671109090_201904267109091_C001  SOFFL_SIR_IOPM_2_201904267110911_C019042671109091_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267110914_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267110914_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267119195_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267119195_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267119195_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267119195_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267119195_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267119195_C001  SOFFL_SIR_IOPM_2_201904267110912_201904267110919_C00	CS OFFL SIR IOPM 2 20190426T075138 20190426T075754 C001		The SWH and Ocean Averaging Status Flags have been set for one or
SO OFFL SIR_IOPM_2 20190426T094357 20190426T09518_COOL  SO OFFL SIR_IOPM_2 20190426T09265 20190426T09518_COOL  SO OFFL SIR_IOPM_2 20190426T09265 20190426T09518_COOL  SO OFFL SIR_IOPM_2 20190426T09265 20190426T09518_COOL  SO OFFL SIR_IOPM_2 20190426T0926 20190426T09518_COOL  SO OFFL SIR_IOPM_2 20190426T0926 20190426T09559_COOL  SO OFFL SIR_IOPM_2 20190426T102250 20190426T109559_COOL  SO OFFL SIR_IOPM_2 20190426T102250 20190426T10959_COOL  SO OFFL SIR_IOPM_2 20190426T120255 20190426T10914_COOL  SO OFFL SIR_IOPM_2 20190426T120255 20190426T10914_COOL  SO OFFL SIR_IOPM_2 20190426T120255 20190426T10914_COOL  SO OFFL SIR_IOPM_2 20190426T120255 20190426T129130_COOL  SO OFFL SIR_IOPM_2 20190426T120250 20190426T129355 COOL  SO OFFL SIR_IOPM_2 20190426T12752 20190426T123555 COOL  SO OFFL SIR_IOPM_2 20190426T123713 20190426T130508 COOL  SO OFFL SIR_IOPM_		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SS-OFFL SIR_IOPM_2_20190426T092355_20190426T1093616_C001  SS-OFFL_SIR_IOPM_2_20190426T109280_20190426T109501_C001  SS-OFFL_SIR_IOPM_2_20190426T109280_20190426T109503_C001  SS-OFFL_SIR_IOPM_2_20190426T109280_20190426T109503_C001  SS-OFFL_SIR_IOPM_2_20190426T109280_20190426T109503_C001  SS-OFFL_SIR_IOPM_2_20190426T109280_20190426T109503_C001  SS-OFFL_SIR_IOPM_2_20190426T109280_20190426T109503_C001  SS-OFFL_SIR_IOPM_2_20190426T109280_20190426T109308_C001  SS-OFFL_SIR_IOPM_2_20190426T120290_20190426T110930_C001  SS-OFFL_SIR_IOPM_2_20190426T120290_20190426T112330_C001  SS-OFFL_SIR_IOPM_2_20190426T122309_20190426T123300_C001  SS-OFFL_SIR_IOPM_2_20190426T12309426T123300_C001  SS-OFFL_SIR_IOPM_2_20190426T12309426T123300_C001  SS-OFFL_SIR_IOPM_2_20190426T12309426T123300_C001  SS-OFFL_SIR_IOPM_2_20190426T12309426T123300_C001  SS-OFFL_SIR_IOPM_2_20190426T123304_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T14233_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142334_C001  SS-OFFL_SIR_IOPM_2_20190426T142354_C001  SS-OFFL_SIR_IOPM_2_20190426T143544_C001  SS-OFFL_SIR_IOPM_2_20190426T14			
SO OFFL SIR JOPM 2 20190426T109305 20190426T10955 COOI  SO OFFL SIR JOPM 2 20190426T109305 ZOOI  SO OFFL SIR JOPM 2 20190426T10230 20190426T10955 COOI  SO OFFL SIR JOPM 2 20190426T10930 ZOOI  SO OFFL SIR JOPM 2 20190426T12032 ZOOI  SO OFFL SIR JOPM 2 20190426T12034 ZOOI  SO OFFL SIR JOPM 2 20190426T12030 ZOOI  SO OFFL SIR JOPM 2 20190426T1000 ZOOI  SO OFFL SIR JOPM 2 2			
GS_OFFL_SIR_IOPM_2_201904267100082_0019042671000851_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100085_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100085_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100085_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100085_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100082_001904267100080_CO01  SG_OFFL_SIR_IOPM_2_201904267100108_000080_CO01  SG_OFFL_SIR_IOPM_2_201904267100080_C001  SG_OFFL_SIR_IOPM_2_201904267100080_C0010  SG_OFFL_SIR_IOPM_2_201904267100080_C00100000000000000000000000000000			records.
SO FFE_SIR_IOPM_2_20190426T105082_0190426T105083_C001  SPH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SPH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SPH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SPH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SPH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SPH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SPH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SPH Averaging Status. Ocean Backscatter Averag		Backscatter Averaging Status	more records.
SOFFL SIR JOPM 2 20190426T110341 20190426T110754 C001  SOFFL SIR JOPM 2 20190426T110341 20190426T110754 C001  SOFFL SIR JOPM 2 20190426T110341 20190426T114602 C001  SOFFL SIR JOPM 2 20190426T110341 20190426T114602 C001  SOFFL SIR JOPM 2 20190426T110341 20190426T114602 C001  SOFFL SIR JOPM 2 20190426T12033 20190426T12131 C001  SOFFL SIR JOPM 2 20190426T12033 20190426T121313 C001  SOFFL SIR JOPM 2 20190426T12033 20190426T12036 C001  SOFFL SIR JOPM 2 20190426T12030 20190426T12036 C001  SOFFL SIR JOPM 2 20190426T12000 20190426T12000 C001  SOFFL SIR JOPM 2 20190426T12000 20190426T12000 C001  SOFFL SIR JOPM 2 20190426T13000 C001  SOFFL SIR JOPM 2 20190426T12000 C001  SOFFL SIR JOPM 2 20190426T12000 C001  SOFFL SIR JOPM 2 20190426T12000 C001  SOFFL SIR JOPM 2 20190426T14038 20190426T14000 C001  SOFFL SIR JOPM 2 20190426T14038 20190426T160010 C001  SOFFL SIR JOPM 2 20190426T14038 20190426T160010 C001  SOFFL SIR JOPM 2 20190426T14038 20190426T160010 C001  SOFFL SIR JOPM 2 20190426T160010 20190426T160010 SOFFL SIR JOPM 2 20	CS_OFFL_SIR_IOPM_2_20190426T100826_20190426T100851_C001	Backscatter Averaging Status	more records.
SOFFL SIR JOPM 2 20190426T110341 20190426T14926 2001 Backscatter Averaging Status Tioo has been set for one or more records.  SOFFL SIR JOPM 2 20190426T111014 20190426T114902 2001 Backscatter Averaging Status Flags have been set for one or more records.  SOFFL SIR JOPM 2 20190426T114855 20190426T115014 2001 SOFFL SIR JOPM 2 20190426T114855 20190426T115014 2001 SOFFL SIR JOPM 2 20190426T120235 20190426T112035 20190426T112035 20190426T12035 20190426T10000 20190426T100000 20190426T10000 20190426T10000 20190426T10000 20190426T10000 20190426T100000 20190426T10	CS_OFFL_SIR_IOPM_2_20190426T102230_20190426T105053_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20190426T111014_20190426T114080_c001  SWH Averaging Slatus. Coan Backscatter Averaging Slatus Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20190426T120235_20190426T121313_C001  SWH Averaging Slatus. Coan Backscatter Averaging Slatus Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20190426T120235_20190426T121393_C001  SWH Averaging Slatus. Coan Backscatter Averaging Slatus Flags have been set for one or more records.  CS_OFFL_SIR_IOPM_2_20190426T122009_20190426T121393_C001  CS_OFFL_SIR_IOPM_2_20190426T123713_20190426T12323_C001  CS_OFFL_SIR_IOPM_2_20190426T123713_20190426T13243_C001  CS_OFFL_SIR_IOPM_2_20190426T132514_20190426T13204_C001  CS_OFFL_SIR_IOPM_2_20190426T132515_20190426T132515_C001  CS_OFFL_SIR_IOPM_2_20190426T132514_20190426T132515_C001  CS_OFFL_SIR_IOPM_2_20190426T135914_20190426T1325001  CS_OFFL_SIR_IOPM_2_20190426T135914_20190426T1325001  CS_OFFL_SIR_IOPM_2_20190426T135914_20190426T1325001  CS_OFFL_SIR_IOPM_2_20190426T14538_20190426T14238_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T14238_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T14238_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T14238_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T14208_0001  CS_OFFL_SIR_IOPM_2_20190426T155319_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T60010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T60010_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T60010_C001  CS_OF	CS_OFFL_SIR_IOPM_2_20190426T105058_20190426T105559_C001		
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T114255_0190426T11513_CO10  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T1223713_20190426T12233_CO10  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T123713_CO10  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T123713_CO10  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T123713_CO10  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T123713_CO10  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T130757_20190426T13043_CO10  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T130757_20190426T13043_CO10  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T132151_C010  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T132151_C010  SWH Averaging Status  The Loss Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Loss Backscatter Averaging Status  The Los	CS_OFFL_SIR_IOPM_2_20190426T110341_20190426T110754_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_IOPM_2_20190426T142035_20190426T121313_C001  SWH Averaging Status. Ocean Backscatter Averaging Status. Secan SWH Averaging Status. Secan SWH Averaging Status. Secan Backscatter Averaging Status. Sec	CS_OFFL_SIR_IOPM_2_20190426T111014_20190426T114602_C001		
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SS_OFFL_SIR_IOPM_2_20190426T12954_20190426T129526_C001  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging S	CS_OFFL_SIR_IOPM_2_20190426T120235_20190426T121313_C001		The SWH and Ocean Averaging Status Flags have been set for one or
SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_IOPM_2_20190426T125344_20190426T104233_C001  CS_OFFL_SIR_IOPM_2_20190426T132713_20190426T132043_C001  CS_OFFL_SIR_IOPM_2_20190426T132534_20190426T132043_C001  CS_OFFL_SIR_IOPM_2_20190426T132512_20190426T132043_C001  CS_OFFL_SIR_IOPM_2_20190426T132151_20190426T132043_C001  CS_OFFL_SIR_IOPM_2_20190426T132512_20190426T132515_C001  CS_OFFL_SIR_IOPM_2_20190426T132514_20190426T13712_C001  CS_OFFL_SIR_IOPM_2_20190426T132914_20190426T141428_C001  CS_OFFL_SIR_IOPM_2_20190426T141638_20190426T141235_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T14235_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T14235_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T14235_C001  CS_OFFL_SIR_IOPM_2_20190426T14238_20190426T14235_C001  CS_OFFL_SIR_IOPM_2_20190426T14513_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160000_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160000_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1600000000000000000000000000000000000	CS OFFL SIR IOPM 2 20190426T121752 20190426T121936 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20190426T123713_20190426T13008_C001  SWH Averaging Status Coean Backscatter Averaging Status Coean Coean Status Coean Coean Status Coean Coean Status Coean Co		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20190426T135344_20190426T130608_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T135914_20190426T141428_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T141638_20190426T142133_C001  CS_OFFL_SIR_IOPM_2_20190426T142208_20190426T142325_C001  CS_OFFL_SIR_IOPM_2_20190426T142208_20190426T143254_C001  SWH Averaging Status  Ioe Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T142308_20190426T143254_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T145133_20190426T150034_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T14513739_20190426T150034_C001  CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T150004_C001  CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T1601016_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T1601016_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T1600101  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160001  CS_OFFL_SIR_IOPM_2_201			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T130757_20190426T132043_C001  SWH Averaging Status Cean Backscatter Averaging Status Season Backscatter Averagi		0 0	
Backscatter Averaging Status more records.  SWH Averaging Status, Ocean Backscatter Averaging Status from the SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status from the SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status from the SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status from the SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status from the SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flag has been set for one or more records.  The Ioe Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status from the from			
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Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T135914_20190426T141428_C001  CS_OFFL_SIR_IOPM_2_20190426T141638_20190426T142133_C001  CS_OFFL_SIR_IOPM_2_20190426T141208_20190426T142325_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T142325_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T142325_C001  CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T143254_C001  CS_OFFL_SIR_IOPM_2_20190426T145143_20190426T150034_C001  CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T155329_C001  CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160146_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T16034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160304_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160304_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160304_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160304_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160304_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160304_C001  CS_OFFL_SIR_IOPM_2_201904	CS_OFFL_SIR_IOPM_2_20190426T132151_20190426T132515_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T141638_20190426T142133_C001  Ice Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20190426T142208_20190426T142325_C001  Ice Backscatter Averaging Status  The Ice Backscatter 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 Ice Backscatter 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 Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags 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 Flag has 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 Flag has 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 Flag has 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 Flag has 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 Flag has been set for one or more records.  SWH Averaging Status Flag have been set for one or more records.  SWH Averaging Status Flag have been set for one or more records	CS_OFFL_SIR_IOPM_2_20190426T134742_20190426T135712_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20190426T14208_20190426T142325_C001  CS_OFFL_SIR_IOPM_2_20190426T142938_20190426T143254_C001  CS_OFFL_SIR_IOPM_2_20190426T142938_20190426T143254_C001  CS_OFFL_SIR_IOPM_2_20190426T145143_20190426T150034_C001  CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T15329_C001  CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T1601022_20190426T160246_C001  CS_OFFL_SIR_IOPM_2_20190426T1601022_20190426T160334_C001  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter 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 Ice Backscatter 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 Ice Backscatter 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 Ice Backscatter 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 Ice Backscatter 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 Ice Backscatter 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 Ice Backscatter 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 Ice Backscatter Averaging Status Flag has been set	CS_OFFL_SIR_IOPM_2_20190426T135914_20190426T141428_C001		more records.
CS_OFFL_SIR_IOPM_2_20190426T142938_20190426T150034_C001  CS_OFFL_SIR_IOPM_2_20190426T145143_20190426T150034_C001  CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T155329_C001  CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160122_20190426T160246_C001  CS_OFFL_SIR_IOPM_2_20190426T160122_20190426T1603034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1603034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1603034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1603034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1603034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1603034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T163034_C001  SWH Averaging Status  records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean A	CS_OFFL_SIR_IOPM_2_20190426T141638_20190426T142133_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_IOPM_2_20190426T145143_20190426T150034_C001  CS_OFFL_SIR_IOPM_2_20190426T1553739_20190426T155329_C001  CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1600106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1600106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1600106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1600106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1600106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T1600106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T1600010_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T1600010_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T1600010_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T1600010_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T1600010_20190426T160001  CS_OFFL_SIR_IOPM_2_20190426T1600001  CS_OFFL_SIR_IOPM_2_20190426T1600000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20190426T142208_20190426T142325_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_IOPM_2_20190426T145143_20190426T150034_C001  CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T155329_C001  CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160106_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160246_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160342_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160342_C001  CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T163077_20190426T163034_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging St	CS_OFFL_SIR_IOPM_2_20190426T142938_20190426T143254_C001		
CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T165329_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.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The loe Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status 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_20190426T145143_20190426T150034_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20190426T155619_20190426T160100_C001  CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160102_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160122_20190426T160246_C001  CS_OFFL_SIR_IOPM_2_20190426T160122_20190426T1603034_C001  CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  SWH Averaging Status  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for one or more records.  The lce Backscatter Averaging Status Flag has been set for on	CS_OFFL_SIR_IOPM_2_20190426T153739_20190426T155329_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20190426T160106_20190426T160115_C001  CS_OFFL_SIR_IOPM_2_20190426T160122_20190426T160246_C001  CS_OFFL_SIR_IOPM_2_20190426T160122_20190426T160246_C001  CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T163037_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T163037_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T163037_20190426T163034_C001  SWH Averaging Status  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T160122_20190426T160246_C001  CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T163037_20190426T163034_C001  CS_OFFL_SIR_IOPM_2_20190426T163037_20190426T163034_C001  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T160710_20190426T163034_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Backscatter Averaging Status Backscatter Averaging Status Backscatter Averaging Status 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			The Ice Backscatter Averaging Status Flag has been set for one or more
Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_201904261163037_201904261163034_C001  Backscatter Averaging Status more records.  The SWH and Ocean Averaging Status Flags have been set for one or			records.
		Backscatter Averaging Status	more records.
SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_Z_201904261170707_201904261173300_C001  Backscatter Averaging Status more records.	CS_OFFL_SIR_IOPM_2_20190426T170707_20190426T173300_C001		more records.
CS_OFFL_SIR_IOPM_2_20190426T173559_20190426T174000_C001  Ice Backscatter Averaging Status  The Ice Backscatter Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20190426T173559_20190426T174000_C001		records.
CS_OFFL_SIR_IOPM_2_20190426T174620_20190426T175815_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_20190426T174620_20190426T175815_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20190426T180349_20190426T181344_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_20190426T180349_20190426T181344_C001		
CS_OFFL_SIR_IOPM_2_20190426T184527_20190426T191258_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_20190426T184527_20190426T191258_C001	SWH Averaging Status, Ocean	
CS_OFFL_SIR_IOPM_2_20190426T191432_20190426T191914_C001	CS_OFFL_SIR_IOPM_2_20190426T191432_20190426T191914_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190426T192604_20190426T200041_C001  SWH Averaging Status, Ocean Backscatter Averaging Status more records.	CS_OFFL_SIR_IOPM_2_20190426T192604_20190426T200041_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS. OFFL. SIR. IOPM 2, 20190426T204506, 20190426T204727, 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
CS_OFFL_SIR_IOPM_2_20190426T204927_20190426T205206_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.		Backscatter Averaging Status	more records.

CS_OFFL_SIR_IOPM_2_20190426T205418_20190426T205940_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T210531_20190426T212749_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_20190426T213035_20190426T213933_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_20190426T215219_20190426T215550_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_20190426T221153_20190426T221642_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_20190426T221830_20190426T223117_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_20190426T223348_20190426T223839_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190426T224445_20190426T225057_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_20190426T225106_20190426T231722_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_20190426T115014_20190426T115130_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_20190426T123540_20190426T123646_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190426T205251_20190426T205418_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190426T033227_20190426T033839_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_20190426T034102_20190426T034125_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_20190426T075128_20190426T075137_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_20190426T132043_20190426T132151_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_20190426T212749_20190426T213035_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_20190426T215150_20190426T215219_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_20190426T233005_20190426T233407_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

### 5.8 L2 Ocean Retracking Quality Check

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

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

Number of products with errors:

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

#### 6.1 P2P Product Format Check

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

Number of products with errors:

#### 6.2 P2P Product Header Analysis

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

Number of products with errors:

### 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

#### 6.4 P2P Auxiliary Correction Error Check

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

2

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_IOP_220190426T015743_20190426T024717_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOP_220190426T151132_20190426T160106_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

### 6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS OFFL SIR IOP 2 20190426T001830 20190426T010804 C001		The Ocean and Ice Range Averaging Status Flags have been set for one
00_011	Range Averaging Status	or more records.
CS_OFFL_SIR_IOP_220190426T010804_20190426T015743_C001	Ocean Range Averaging Status, Ice	The Ocean and Ice Range Averaging Status Flags have been set for one
	Range Averaging Status	or more records.
CS_OFFL_SIR_IOP_220190426T015743_20190426T024717_C001		The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220190426T024717_20190426T033657_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_220190426T033657_20190426T042631_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_220190426T042631_20190426T051611_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_220190426T051611_20190426T060545_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T060545_20190426T065524_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_220190426T065524_20190426T074458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T074458_20190426T083438_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_220190426T083438_20190426T092412_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T092412_20190426T101351_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_220190426T101351_20190426T110325_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T110325_20190426T115305_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_220190426T115305_20190426T124239_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_220190426T124239_20190426T133218_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T133218_20190426T142152_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_220190426T142152_20190426T151132_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_220190426T151132_20190426T160106_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_220190426T160106_20190426T165046_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T165046_20190426T174020_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_220190426T174020_20190426T182959_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T182959_20190426T191933_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_220190426T191933_20190426T200913_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_220190426T200913_20190426T205847_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_220190426T205847_20190426T214826_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20190426T214826_20190426T223800_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_220190426T223800_20190426T232740_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_2_20190426T001830_20190426T010804_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_20190426T010804_20190426T015743_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_20190426T015743_20190426T024717_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_20190426T024717_20190426T033657_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_20190426T033657_20190426T042631_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_20190426T042631_20190426T051611_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_220190426T051611_20190426T060545_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_220190426T060545_20190426T065524_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_20190426T065524_20190426T074458_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_20190426T074458_20190426T083438_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_20190426T083438_20190426T092412_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_220190426T092412_20190426T101351_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_220190426T101351_20190426T110325_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_20190426T110325_20190426T115305_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_20190426T115305_20190426T124239_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_20190426T124239_20190426T133218_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_20190426T133218_20190426T142152_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_20190426T142152_20190426T151132_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_20190426T151132_20190426T160106_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_20190426T160106_20190426T165046_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_20190426T165046_20190426T174020_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_20190426T174020_20190426T182959_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_20190426T182959_20190426T191933_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_20190426T191933_20190426T200913_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_20190426T200913_20190426T205847_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_20190426T205847_20190426T214826_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_20190426T214826_20190426T223800_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_20190426T223800_20190426T232740_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.

Number of products with errors: 26		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_220190426T001830_20190426T010804_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T010804_20190426T015743_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T015743_20190426T024717_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T024717_20190426T033657_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T033657_20190426T042631_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T042631_20190426T051611_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T051611_20190426T060545_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T060545_20190426T065524_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T065524_20190426T074458_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T074458_20190426T083438_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T083438_20190426T092412_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T101351_20190426T110325_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T110325_20190426T115305_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T115305_20190426T124239_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T124239_20190426T133218_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T133218_20190426T142152_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T142152_20190426T151132_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T151132_20190426T160106_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T160106_20190426T165046_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T165046_20190426T174020_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T174020_20190426T182959_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T182959_20190426T191933_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190426T191933_20190426T200913_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220190426T200913_20190426T205847_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20190426T214826_20190426T223800_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20190426T223800_20190426T232740_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.