



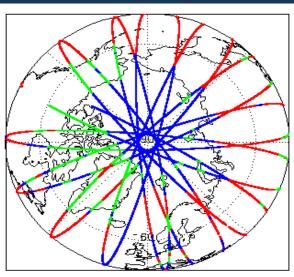
## 1. Overview

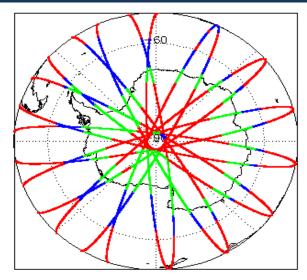
Report Production:	09-Jul-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

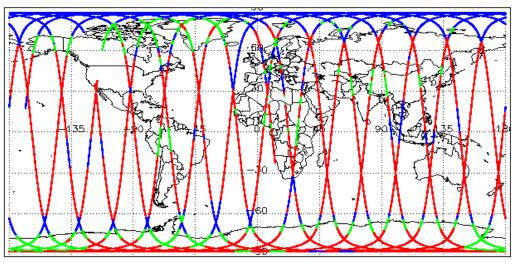
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

Mission / Instru	ment News
04-Jul-2018	None
05-Jul-2018	None
06-Jul-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:

3

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180705T001845_20180705T002013_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20180705T051719_20180705T051731_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20180705T215101_20180705T215623_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

#### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors: 17

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180705T005129_20180705T011235_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180705T021622_20180705T021942_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180705T041606_20180705T043043_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180705T050437_20180705T051610_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180705T150350_20180705T151814_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180705T020255_20180705T020338_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180705T020416_20180705T020659_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180705T034635_20180705T034738_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180705T044533_20180705T044654_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180705T052429_20180705T052639_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180705T093950_20180705T094116_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180705T170445_20180705T170551_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180705T112001_20180705T112336_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180705T115827_20180705T120800_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180705T121321_20180705T121535_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180705T124613_20180705T124921_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180705T125858_20180705T130220_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:

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).

3

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_20180705T001845_20180705T002013_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_20180705T051719_20180705T051731_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_20180705T215101_20180705T215623_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:

77

<u> </u>		
Product	Test Failed	Description The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180704T235706_20180705T000657_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180705T002310_20180705T002701_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T003758_20180705T004843_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T005129_20180705T011235_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T011903_20180705T012037_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T012044_20180705T012454_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T012933_20180705T014908_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T015003_20180705T015423_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T015832_20180705T020210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T021622_20180705T021942_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T021944_20180705T025145_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T025409_20180705T025936_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T031041_20180705T032310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T032356_20180705T034050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T034506_20180705T034635_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T040235_20180705T041403_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T041606_20180705T043043_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T043336_20180705T043832_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T043911_20180705T044032_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T044732_20180705T045956_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T050437_20180705T051610_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T055528_20180705T060953_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T061302_20180705T061746_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T062535_20180705T065107_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T072501_20180705T074853_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T075323_20180705T075700_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T080411_20180705T081722_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T082052_20180705T083202_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T090406_20180705T092846_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T093118_20180705T093613_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T093621_20180705T093950_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T094402_20180705T095430_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T100005_20180705T101758_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T103058_20180705T103359_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T110303_20180705T110425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T111116_20180705T1111645_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T112336_20180705T115826_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T120932_20180705T121116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T122858_20180705T124613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T125036_20180705T125541_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T130220_20180705T133829_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T140036_20180705T142316_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T143253_20180705T143445_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T144219_20180705T145014_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
		records.

CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145908_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T150350_20180705T151814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T152655_20180705T152927_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T153116_20180705T154805_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T155005_20180705T160425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T161150_20180705T161356_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T161451_20180705T161858_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T163614_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193634_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T194040_20180705T200429_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T203616_20180705T204743_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T205321_20180705T210350_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T211043_20180705T211648_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T211913_20180705T214734_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T215101_20180705T215623_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T220959_20180705T224230_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T224952_20180705T225519_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T225828_20180705T230311_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T233403_20180705T233656_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T234853_20180705T235755_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180705T121116_20180705T121136_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180705T102857_20180705T103058_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180705T153046_20180705T153116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180705T170106_20180705T170445_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_20180704T235706_20180705T000657_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_20180705T002310_20180705T002701_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_20180705T003758_20180705T004843_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_20180705T005129_20180705T011235_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_20180705T011903_20180705T012037_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T012044_20180705T012454_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T012933_20180705T014908_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_20180705T015003_20180705T015423_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_20180705T021622_20180705T021942_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_20180705T021944_20180705T025145_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

Signal (Light Agricultural processor) interest	00 0001 010 10011 0 0010000000000000000		The Ice Backscatter Averaging Status Flag has been set for one or more
COURT LIST COME 2 SINUMINATIONS CONTINUED COST CONTINUED COST COST COST COST COST COST COST COST	CS_OFFL_SIR_IOPM_2_201807051025409_201807051025936_C001		111 11
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Comp. Set (1994 2 and 1997 2 months of 1	CS_OFFL_SIR_IOPM_2_20180705T032356_20180705T034050_C001		
Description   Color   Jan. (2014)   2014	CS_OFFL_SIR_IOPM_2_20180705T034506_20180705T034635_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
De Comp. Set John 2, 2010/07/2010/07/2010/07/2010/2010/07/2010/07/2010/2010	CC OFFI SID IODM 2 20140070FT04022F 20140070FT041402 C001		
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COUNTLINGUISTANCE CONTROL STATE OF THE COUNT	CS_OFFL_SIR_IOPM_2_20180705T043336_20180705T043832_C001	Ice Backscatter Averaging Status	
COUNT_SEQUENT_SERVENTS**  COUNT_SEQUENT_SERVENTS**  COUNT_SEQUENT_SERVENTS**  COUNT_SEQUENTS**  COUNT_	CS_OFFL_SIR_IOPM_2_20180705T043853_20180705T043904_C001	Ice Backscatter Averaging Status	
COUPT_SE_CONT_2018078TRS047_2018078TRS0480_001  SOUTH_SE_CONT_2018078TRS047_2018078TRS0480_001  SOUTH_SE_CONT_2018078TRS047_2018078TRS0480_001  SOUTH_SE_CONT_2018078TRS0480_2018078TRS0480_001  SOUTH_SE_CONT_2018078TRS0480_001  SOUTH_SE_CONT_2018078TRS0480_0	CS OFFL SIR IOPM 2 20180705T043911 20180705T044032 C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_CHFF_BIR_ORM_2_restorchisostat_restorchisos			
Security Company Compa		Ţ Ţ	
Compact   Section   Compact   Comp	CS_OFFL_SIR_IOPM_2_20180705T050437_20180705T051610_C001	Backscatter Averaging Status	more records.
SCIPPL, SIPLOPM2_District notation (Internation Marging) Services (Internation Marging) Servi	CS_OFFL_SIR_IOPM_2_20180705T055528_20180705T060953_C001		
SQ_GFE_SR_(DPM_2_2008076170239_2009075170359_2000  SQ_GFE_SR_(DPM_2_2008076170239_2009075170359_2001  SQ_GFE_SR_(DPM_2_2008076170359_2009075170359_2001  SQ_GFE_SR_(DPM_2_2008076170359_2009075170359_2001  SQ_GFE_SR_(DPM_2_2008076170359_2009075170359_2001  SQ_GFE_SR_(DPM_2_2008076170359_2009075170359_2001  SQ_GFE_SR_(DPM_2_2008076170308_2009075170359_2001  SQ_GFE_SR_(DPM_2_2008076170308_2009075170308_2000075170308_2001  SQ_GFE_SR_(DPM_2_2008076170308_2009075170308_2001  SQ_GFE_SR_(DPM_2_2008076170308_2009075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_20000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_2000075170308_20000075170308_2000075170308_2000075170308_2000007	CS_OFFL_SIR_IOPM_2_20180705T061302_20180705T061746_C001	Ice Backscatter Averaging Status	
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CS_OFF_SR_OPM_2_mitemonitorsors_prison formations of the control o		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SCOPEL, SILL (PIPAL 2, 201807051180282, 201807051190282 CO11  SOPEL SILL (PIPAL 2, 201807051180281), 201807051180280 CO11  SOPEL SILL (PIPAL 2, 20180705118028), 201807051180280 CO11  SOPEL SILL (PIPAL 2, 20180705118028), 201807051180280 CO11  SOPEL SILL (PIPAL 2, 20180705118028) CO11  SOPEL S		0 0	
SOUTH, SILE, DOWN 2, 2018/07/05/1003/11, 2018/07/05/1003/10, 2018/05/1003/1003/1003/1003/1003/1003/1003/1			records.
Bedsecter Averaging States OFFL_SIR_LOPM_2_201807057100118_201807057103011_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057000118_20180705103011_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057000118_20180705103011_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_20180705700018_20180705103011_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_20180705700062_20180705103640_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057100062_20180705103640_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057100062_20180705103640_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057100062_20180705103640_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057110302_00180705103640_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057110302_00180705110402_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057112036_20180705110402_0001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057112036_20180705110400_001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057112036_20180705112036_001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_201807057112036_00105112036_001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_20180705712036_00105112036_001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_20180705712036_00105112036_001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_20180705712036_00105112036_001 Ver headscaler Averaging States OFFL_SIR_LOPM_2_20180705712036_0010511203	CS_OFFL_SIR_IOPM_2_20180705T080411_20180705T081722_C001	Backscatter Averaging Status	more records.
SWH Averaging Status. Piega have been set for one or more records.  CS_OFFL_SIR_OPH2_20180705100361_20180705100950_C001  CS_OFFL_SIR_OPH2_20180705100361_20180705100950_C001  CS_OFFL_SIR_OPH2_20180705100362_1010705100950_C001  CS_OFFL_SIR_OPH2_20180705100362_1010705110756_C001  CS_OFFL_SIR_OPH2_201807051100362_0180705110756_C001  CS_OFFL_SIR_OPH2_201807051100362_0180705110356_C001  CS_OFFL_SIR_OPH2_201807051100362_0180705110356_C001  CS_OFFL_SIR_OPH2_201807051100362_0180705110356_C001  CS_OFFL_SIR_OPH2_201807051111182_C001  CS_OFFL_SIR_OPH2_201807051111182_C001  CS_OFFL_SIR_OPH2_201807051111182_C001  CS_OFFL_SIR_OPH2_201807051111182_C001  CS_OFFL_SIR_OPH2_20180705111182_C001  CS_OFFL_SIR_OPH2_201807051112032_D180705112061_C001  CS_OFFL_SIR_OPH2_20180705112032_D180705112061_C001  CS_OFFL_SIR_OPH2_20180705112061_C001  CS_OFFL_SIR_OPH2_20180705112061_C001  CS_OFFL_SIR_OPH2_20180705112061_C001  CS_OFFL_SIR_OPH2_20180705112061_C001  CS_OFFL_SIR_OPH2_20180705112061_C001  CS_OFFL_SIR_OPH2_20180705112061_C001  CS_OFFL_SIR_OPH2_20180705112061_C001  CS_OFFL_SIR_OPH2_20180705112062_C001  CS_OFFL_SIR_OPH2_201807051130602_C001  CS_OFFL_SIR_OPH2_201807051130602_C001  C	CS_OFFL_SIR_IOPM_2_20180705T082052_20180705T083202_C001		
CS_OFFL_SIR_IOPM_2_20180705119201_201807051109380_C001  CS_OFFL_SIR_IOPM_2_201807051094402_201807051095490_C001  CS_OFFL_SIR_IOPM_2_201807051094402_2018070511095490_C001  CS_OFFL_SIR_IOPM_2_201807051109402_2018070511095490_C001  CS_OFFL_SIR_IOPM_2_201807051109008_201807051109580_C001  CS_OFFL_SIR_IOPM_2_201807051109008_201807051109580_C001  CS_OFFL_SIR_IOPM_2_2018070511109580_E01807051109580_C001  CS_OFFL_SIR_IOPM_2_2018070511109580_E01807051109580_C001  CS_OFFL_SIR_IOPM_2_2018070511109580_E01807051109580_C001  CS_OFFL_SIR_IOPM_2_2018070511109580_E01807051109580_C001  CS_OFFL_SIR_IOPM_2_2018070511109580_E01807051109580_C001  CS_OFFL_SIR_IOPM_2_20180705112003_E01807051109580_C001  CS_OFFL_SIR_IOPM_2_20180705112003_E01807051130820_C001  CS_OFFL_SIR_IOPM_2_20180705112003_E01807051130820_C001  CS_OFFL_SIR_IOPM_2_20180705112003_E01807051130820_C001  CS_OFFL_SIR_IOPM_2_20180705112003_E01807051130820_C001  CS_OFFL_SIR_IOPM_2_201807051130820_E01807051130820_C001  CS_OFFL_SIR_IOPM_2_201807051130820_E0180705113080_C001  CS_OFFL_SIR_IOPM_2_201807051130820_E0180705113080_C001  CS_OFFL_SIR_IOPM_2_20180705113080_E0180705113080_C00	CS_OFFL_SIR_IOPM_2_20180705T090406_20180705T092846_C001		
CS_OFFL_SIR_IOPM_2_201807051704962_20180705170496_C001  CS_OFFL_SIR_IOPM_2_201807051704962_20180705170496_C001  CS_OFFL_SIR_IOPM_2_201807051703062_20180705110306_C001  CS_OFFL_SIR_IOPM_2_201807051100306_20180705110306_C001  CS_OFFL_SIR_IOPM_2_201807051100306_201807051100306_C001  CS_OFFL_SIR_IOPM_2_201807051110030_20180705110406_C001  CS_OFFL_SIR_IOPM_2_201807051110030_201807051110406_C001  CS_OFFL_SIR_IOPM_2_201807051110030_20180705110406_C001  CS_OFFL_SIR_IOPM_2_201807051110030_20180705110406_C001  CS_OFFL_SIR_IOPM_2_201807051110030_20180705110406_C001  CS_OFFL_SIR_IOPM_2_201807051110030_20180705110406_C001  CS_OFFL_SIR_IOPM_2_20180705112030_20180705112006_C001  CS_OFFL_SIR_IOPM_2_20180705112030_C00180705113006_C001  CS_OFFL_SIR_IOPM_2_20180705112030_C00180705113006_C001  CS_OFFL_SIR_IOPM_2_20180705112030_C00180705113006_C001  CS_OFFL_SIR_IOPM_2_20180705112030_C00180705113006_C001  CS_OFFL_SIR_IOPM_2_20180705114006_C001  CS_OFFL_SIR_IOPM_2_2018070511	CS_OFFL_SIR_IOPM_2_20180705T093118 20180705T093613 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_JOPM_2_20180705110035_20180705110756_C001  SWH Averaging Situs. Ocean Averaging Situs Flags have been set for one or more rooted.  SWH Averaging Situs. Ocean Backstaffer Averaging Situs. Ocean Control ocean Averaging Situs Flags have been set for one or more rooted.  SWH Averaging Situs. Ocean Backstaffer Averaging Situs. Ocean Control ocean Averaging Situs Flags have been set for one or more rooted.  SWH Averaging Situs. Ocean Desire Flags have been set for one or more rooted.  SWH Averaging Situs. Ocean Backstaffer Averaging Situs. SWH averaging Situs. Ocean Backstaffer Averaging Situs. SWH averaging Situs. Ocean Swh averaging Situs. SWH averag			
Backscatter Averaging Status Import records.  CS_OFFL_SIR_JOPM_2_201807057110036_201807057110756_C001  SAFT_SIR_JOPM_2_201807057110036_201807057110756_C001  SAFT_SIR_JOPM_2_201807057110036_201807057110756_C001  SAFT_SIR_JOPM_2_201807057110036_201807057110339_C0001  SAFT_SIR_JOPM_2_201807057110036_201807057110339_C0001  SAFT_SIR_JOPM_2_201807057110036_201807057110339_C0001  SAFT_SIR_JOPM_2_201807057110036_201807057110339_C0001  SAFT_SIR_JOPM_2_201807057110036_20180705711036_C0001  SAFT_SIR_JOPM_2_20180705711036_201807057110001  SAFT_SIR_JOPM_2_201807057110036_201807057110001  SAFT_SIR_JOPM_2_201807057110008_201807057110001  SAFT_SIR_JOPM_2_201807057110008_201807057110001  SAFT_SIR_JOPM_2_201807057110008_201807057110001  SAFT_SIR_JOPM_2_201807057110008_2018070571100001  SAFT_SIR_JOPM_2_201807057110008_2018070571100001  SAFT_SIR_JOPM_2_201807057110008_20180705711000000000000000000000000000000			
Backscatter Averaging Status. Ocean Backscatter Averaging Status.	CS_OFFL_SIR_IOPM_2_20180705T094402_20180705T095430_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status. Cean Backscatter Aver	CS_OFFL_SIR_IOPM_2_20180705T100005_20180705T101758_C001		
SMPH Averaging Status.  SMPH Averaging Status.  SMPH Averaging Status.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The CRE deskscatter Averaging Status Flags have been set for one or more records.  The CRE deskscatter Averaging Status Flags have been set for one or more records.  The SMPH Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and Ocean Averaging Status Flags have been set for one or more records.  The SMPH and O	CS_OFFL_SIR_IOPM_2_20180705T103058_20180705T103359_C001		
CS_OFFL_SIR_IOPM_2_20180705T11116_20180705T116505_C001  CS_OFFL_SIR_IOPM_2_20180705T12336_20180705T124613_C001  CS_OFFL_SIR_IOPM_2_20180705T12285_20180705T124613_C001  CS_OFFL_SIR_IOPM_2_20180705T12285_20180705T124613_C001  CS_OFFL_SIR_IOPM_2_20180705T12285_20180705T124613_C001  CS_OFFL_SIR_IOPM_2_20180705T12285_20180705T124613_C001  CS_OFFL_SIR_IOPM_2_20180705T12003_20180705T125541_C001  CS_OFFL_SIR_IOPM_2_20180705T12003_20180705T125541_C001  CS_OFFL_SIR_IOPM_2_20180705T13020_20180705T13829_C001  CS_OFFL_SIR_IOPM_2_20180705T13020_20180705T13829_C001  CS_OFFL_SIR_IOPM_2_20180705T143255_20180705T13829_C001  CS_OFFL_SIR_IOPM_2_20180705T143255_20180705T145016_C001  CS_OFFL_SIR_IOPM_2_20180705T140505_20180705T145016_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145080_C001  CS_OFFL_SIR_IOPM_2_20180705T160505_20180705T16506_C001  CS_OFFL_SIR_IOPM_2_20180705T160505_20180705T16506_C001  CS_OFFL_SIR_IOPM_2_20180705T160505_20180705T16506_C001  CS_OFFL_SIR_IOPM_2_20180705T1650505_20180705T16506_C001  CS_OFFL_SIR_IOPM_2_20180705T1650505_20180705T16506_C001  CS_OFFL_SIR_IOPM_2_20180705T1650505_20180705T16506_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T16306_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T16306_C001  CS_OFFL_SIR_IOPM_2_20180705T165005_20180705T1674080_C001  CS_OFFL_SIR_IOPM_2_20180705T165005_20180705T1674080_C001  CS_OFFL_SIR_IOPM_2_20180705T176407_20180705T1674080_C001  CS_OFFL_SIR_IOPM_2_20180705T1674047_20180705T1674080_C001  CS_OFFL_SIR_IOPM_2_20180705T176407_20180705T1674080_C001  CS_OFFL_SIR_IOPM_2_20180705T176407_20180705T1674080_C001  CS_OF	CS OFFL SIR IOPM 2 20180705T110303 20180705T110425 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SIR_IOPM_2_20180705T12386_20180705T12916_001 SWH Averaging Status. Severaging Status Flags have been set for one or more records. SOFFL_SIR_IOPM_2_20180705T123862_20180705T124613_0001 SOFFL_SIR_IOPM_2_20180705T123862_20180705T124613_0001 SOFFL_SIR_IOPM_2_20180705T123862_20180705T124613_0001 SOFFL_SIR_IOPM_2_20180705T123862_20180705T124613_0001 SOFFL_SIR_IOPM_2_20180705T123862_20180705T124613_0001 SOFFL_SIR_IOPM_2_20180705T123862_20180705T124613_0001 SOFFL_SIR_IOPM_2_20180705T14219_20180705T142316_001 SOFFL_SIR_IOPM_2_20180705T14219_20180705T142316_001 SOFFL_SIR_IOPM_2_20180705T14219_20180705T142050_001 SOFFL_SIR_IOPM_2_20180705T14219_20180705T142050_001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T142050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T152055_20180705T1610425_001 SOFFL_SIR_IOPM_2_20180705T162050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T151814_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T151804_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T1610425_0001 SOFFL_SIR_IOPM_2_20180705T162050_00105T1610425_0001 SOFFL_SIR_IOPM_2_20180705T16210_20180705T160425_0001 SOFFL_SIR_IOPM_2_20180705T16210_20180705T160425_0001 SOFFL_SIR_IOPM_2_20180705T16210_20180705T160425_0001 SOFFL_SIR_IOPM_2_20180705T16210_20180705T160425_0001 SOFFL_SIR_IOPM_2_20180705T16210_20180705T160425_0001 SOFFL_SIR_IOPM_2_20180705T16210_20180705T160425_0001 SOFFL_SIR_IOPM_2_20180705T16050_20180705T160425_0001 SOFFL_SIR_IOPM_2_20180705T16050_2			
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CS_OFF_SIR_IOPM_2_201807051130220_201807051130220_201807051130220_201807051130220_201807051130220_201807051130202_201807051130202_201807051130202_201807051130202_201807051142316_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFF_SIR_IOPM_2_20180705114345_C001  CS_OFF_SIR_IOPM_2_201807051143445_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.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Back	CS_OFFL_SIR_IOPM_2_20180705T122858_20180705T124613_C001		
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Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T143253_20180705T14345_CO01  SWH Averaging Status. Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T145014_CO01  SWH Averaging Status. Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T145017_0180705T14508_CO01  SWH Averaging Status. Ocean Backscatter Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more			
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Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T150350_20180705T151814_C001  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or m	CS_OFFL_SIR_IOPM_2_20180705T143253_20180705T143445_C001		records.
SOFFL_SIR_IOPM_2_20180705T150350_20180705T151814_C001  SIMH_Averaging Status  SIMH_Averaging Status  The Ioe Backscatter Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set for one or more records.  The SVMH and Ocean Averaging Status Flags have been set fo	CS_OFFL_SIR_IOPM_2_20180705T144219_20180705T145014_C001		
SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T152655_20180705T154805_C001  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean 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 SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for	CS_OFFL_SIR_IOPM_2_20180705T145017_20180705T145908_C001		
CS_OFFL_SIR_IOPM_2_20180705T152655_20180705T152927_C001  Loe Backscatter Averaging Status  The Ice Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T155005_20180705T164805_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  The Ice 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 Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T174352_20180705T17643_C001  Loe Backscatter Averaging Status  SWH Averaging Status  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have bee	CS OFFL SIR IOPM 2 20180705T150350 20180705T151814 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20180705T153116_20180705T160425_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T161150_20180705T160425_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T161150_20180705T160425_C001 CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T163614_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T164738_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status Status CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001 CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T17702C_C001 Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001 Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001 CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T182453_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001 SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T192336_20180705T193339_C001  SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T192336_20180705T193334_C001  SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T193348_20180705T193344_C001  SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T193348_20180705T193344_C001  SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T193348_20180705T193344_C001  SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T193346_C00180705T193344_C001  SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180705T193346_C00180705T193344_C001  SWH Averaging Status C			The Ice Backscatter Averaging Status Flag has been set for one or more
Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T161150_20180705T163614_C001  Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T161150_20180705T163614_C001  CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T163614_C001  CS_OFFL_SIR_IOPM_2_20180705T163615_20180705T164738_C001  CS_OFFL_SIR_IOPM_2_20180705T163615_20180705T164738_C001  CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182036_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_2018070			
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T161150_20180705T161356_C001  CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T163614_C001  CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T163614_C001  CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001  CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001  CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182030_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182030_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193030_C001  CS_OFFL_SIR_IOPM_2_20		Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T163614_C001  CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T163614_C001  CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001  CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T175500_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192836_20180705T192807_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192807_C001  CS_OFFL_SIR_IOPM_2_20180705T182806_20180705T192807_C001  CS_OFFL_SIR_IOPM_2_20180705T182806_20180705T192807_C001  CS_OFFL_SIR_IOPM_2_20180705T182806_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192806_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192806_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193138_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193138_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193138_	CS_OFFL_SIR_IOPM_2_20180705T155005_20180705T160425_C001		more records.
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  Ice Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  Backscatter Averaging Status  Ice Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182836_20180705T193039_C001  Ice Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T182836_20180705T193039_C001  Ice 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 SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have bee	CS_OFFL_SIR_IOPM_2_20180705T161150_20180705T161356_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_IOPM_2_20180705T163815_20180705T164738_C001  CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193039_	CS_OFFL_SIR_IOPM_2_20180705T162110_20180705T163614_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180705T170551_20180705T170643_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T18236_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T193318_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T193318_20180705T193334_C	CS OFFL SIR IOPM 2 20180705T163815 20180705T164738 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001  CS_OFFL_SIR_IOPM_2_20180705T17435_20180705T174512_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182035_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T193318_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T193318_2			
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001  Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182030_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T193318_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_2018070	CS_OFFL_SIK_IOPM_2_201807051170551_201807051170643_C001		records.
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001  CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193034_C001  CS_OFFL_SIR_IOPM_2_20180705T193034_C001  CS_OFFL_SIR_IOPM_2_20180705T193034_C001  CS_OFFL_SIR_IOPM_2_20180705T193034_C001  CS_OFFL_SIR_	CS_OFFL_SIR_IOPM_2_20180705T171435_20180705T172702_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T182002_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193339_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T193318_20180705T193334_C001  CS_OFFL_SIR_IOPM_2_20180705T193318_20180705T193334_	CS_OFFL_SIR_IOPM_2_20180705T173229_20180705T174512_C001		
CS_OFFL_SIR_IOPM_2_20180705T180037_20180705T181619_C001  SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193634_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193634_	CS_OFFL_SIR_IOPM_2_20180705T174947_20180705T175800_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_IOPM_2_20180705T182015_20180705T182453_C001  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193634_C001  CS_OFFL_SIR_IOPM_2_20180705T193634_C001  CS_OFFL_SI	CS OFFL SIR IOPM 2 20180705T180037 20180705T181619 C001		The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193634_C001  CS_OFFL_SIR_IOPM_2_20180705T193634_C001  CS_OFFL_SIR_IOPM_2_20180705T193634_C001  CS_OFFL_SIR_IOPM_2_20180705T193634_C001  CS_OFFL_SIR_IOPM_2_20180705T193634_C001  CS_OFFL_SIR_IO			
Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001 lce Backscatter Averaging Status more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193634_C001 lce Backscatter Averaging Status  The Ice Backscatter Averaging Status Flag has been set for one or more records.		Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_201807051192836_201807051193039_C001  Ice Backscatter Averaging Status records.  The Ice Backscatter Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPM_2_20180705T185900_20180705T192507_C001		more records.
CS OFFE SIR JOPM 2 20180/051193118 20180/051193634 CD01 Ure Backscatter Averaging Status	CS_OFFL_SIR_IOPM_2_20180705T192836_20180705T193039_C001	Ice Backscatter Averaging Status	
	CS_OFFL_SIR_IOPM_2_20180705T193118_20180705T193634_C001	Ice Backscatter Averaging Status	

CS_OFFL_SIR_IOPM_2_20180705T194040_20180705T200429_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_20180705T203616_20180705T204743_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_20180705T205321_20180705T210350_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_20180705T211043_20180705T211648_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T211913_20180705T214734_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_20180705T215101_20180705T215623_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_20180705T220959_20180705T224230_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_20180705T224952_20180705T225519_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180705T225828_20180705T230311_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_20180705T233403_20180705T233656_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_20180705T234853_20180705T235755_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_20180705T121116_20180705T121136_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_20180705T102857_20180705T103058_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_20180705T153046_20180705T153116_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_20180705T170106_20180705T170445_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.

#### 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

## 6.4 P2P Auxiliary Correction Error Check

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

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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_220180704T234117_20180705T003055_C002	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOP_220180705T043857_20180705T052835_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOP_220180705T211113_20180705T220051_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_220180704T234117_20180705T003055_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T003055_20180705T012030_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_220180705T012030_20180705T021008_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_220180705T021008_20180705T025944_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_220180705T025944_20180705T034922_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_220180705T034922_20180705T043857_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_220180705T043857_20180705T052835_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T052835_20180705T061811_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_220180705T061811_20180705T070749_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T070749_20180705T075725_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_220180705T075725_20180705T084703_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_220180705T084703_20180705T093638_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_220180705T093638_20180705T102616_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T102616_20180705T111552_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_220180705T111552_20180705T120530_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T120530_20180705T125505_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_220180705T125505_20180705T134443_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T134443_20180705T143419_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T143419_20180705T152357_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T152357_20180705T161332_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_220180705T161332_20180705T170311_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_220180705T170311_20180705T175246_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_220180705T175246_20180705T184224_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_220180705T184224_20180705T193200_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_220180705T193200_20180705T202138_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_220180705T202138_20180705T211113_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_220180705T211113_20180705T220051_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_220180705T220051_20180705T225027_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_220180705T225027_20180705T234005_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_220180705T234005_20180706T002941_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

### 6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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_220180704T234117_20180705T003055_C002	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_220180705T003055_20180705T012030_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_220180705T012030_20180705T021008_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_220180705T021008_20180705T025944_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_220180705T025944_20180705T034922_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_220180705T034922_20180705T043857_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_220180705T043857_20180705T052835_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_220180705T052835_20180705T061811_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_220180705T061811_20180705T070749_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_220180705T070749_20180705T075725_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_220180705T075725_20180705T084703_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_220180705T084703_20180705T093638_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_220180705T093638_20180705T102616_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_20180705T102616_20180705T111552_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_220180705T111552_20180705T120530_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_220180705T120530_20180705T125505_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_220180705T125505_20180705T134443_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_220180705T134443_20180705T143419_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_220180705T143419_20180705T152357_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_220180705T152357_20180705T161332_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_220180705T161332_20180705T170311_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_220180705T170311_20180705T175246_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_220180705T175246_20180705T184224_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_220180705T184224_20180705T193200_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_220180705T193200_20180705T202138_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_220180705T202138_20180705T211113_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_220180705T211113_20180705T220051_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_20180705T220051_20180705T225027_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_220180705T225027_20180705T234005_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_220180705T234005_20180706T002941_C002	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

# 6.8 P2P Ocean Retracking Quality Check

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180704T234117_20180705T003055_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T003055_20180705T012030_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T012030_20180705T021008_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T021008_20180705T025944_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T025944_20180705T034922_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T034922_20180705T043857_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T043857_20180705T052835_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T061811_20180705T070749_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T070749_20180705T075725_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T075725_20180705T084703_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T084703_20180705T093638_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T093638_20180705T102616_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T102616_20180705T111552_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T111552_20180705T120530_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T120530_20180705T125505_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T125505_20180705T134443_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T134443_20180705T143419_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T143419_20180705T152357_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T152357_20180705T161332_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T161332_20180705T170311_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T170311_20180705T175246_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180705T175246_20180705T184224_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220180705T184224_20180705T193200_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T193200_20180705T202138_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T211113_20180705T220051_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T220051_20180705T225027_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T225027_20180705T234005_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180705T234005_20180706T002941_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.