



# 1. Overview

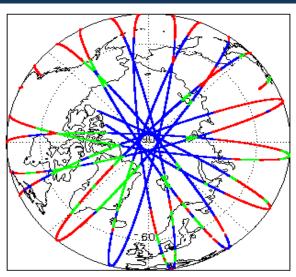
Report Production:	12-Feb-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

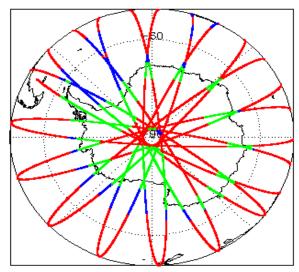
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	See Section 5.2	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.6	Nominal
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

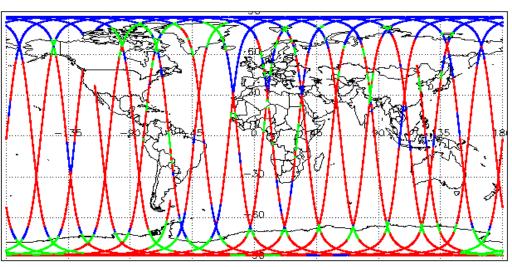
Mission / Instru	
07-Feb-2018	None
08-Feb-2018	None

09-Feb-2018 Nothing planned

# 2. Global Coverage









# 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

# 4. IOP Level 1B Data Quality Check

# 4.1 L1B Product Format Check

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

Number of products with errors:

0

### 4.2 L1B Product Header Analysis

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

### 4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

#### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

16

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180208T011543_20180208T011932_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180208T060722_20180208T064226_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180208T133129_20180208T140536_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T000411_20180208T000947_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T010311_20180208T010521_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T024224_20180208T024710_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T060606_20180208T060722_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T091149_20180208T091557_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T123154_20180208T123406_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T132701_20180208T133129_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180208T191525_20180208T191619_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180208T004157_20180208T004236_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180208T054536_20180208T054713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180208T072335_20180208T072532_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180208T073321_20180208T074728_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180208T221826_20180208T222020_C001	Loss of Echo	The tracking echo is missing for one or more records

# 5. IOP Level 2 Data Quality Check

### 5.1 L2 Product Format Check

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

Number of products with errors:

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

Product	Test Failed
CS_OFFL_SIR_IOPR_2_20180208T060556_20180208T060604_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

# 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

### 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. 79

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180207T235225_20180208T000411_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T001241_20180208T001705_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T001845_20180208T003348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T003528_20180208T004157_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T011543_20180208T011932_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20180208T012055 20180208T012647 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T012700_20180208T014504_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T014730_20180208T015618_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T015829_20180208T022047_C001		records.  The Ocean Range Averaging Status Flag has been set for one or more
	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T030010_20180208T032419_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T033654_20180208T040520_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T043126_20180208T044601_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T045136_20180208T050342_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T050858_20180208T051447_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T051612_20180208T053529_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180208T054059_20180208T054245_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T055354_20180208T055437_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T060722_20180208T064226_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T064804_20180208T065318_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T065456_20180208T065801_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T070427_20180208T071149_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T073037_20180208T073320_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T074728_20180208T075609_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T075855_20180208T082119_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T082639_20180208T082804_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T082811_20180208T083219_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T083427_20180208T084725_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T084913_20180208T085630_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T090926_20180208T091010_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T091059_20180208T091112_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T092749_20180208T100007_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T100138_20180208T100703_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T100722_20180208T100957_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T101804_20180208T103033_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T103052_20180208T104815_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20180208T105153 20180208T105359 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T1110945_20180208T112128_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T112332_20180208T113919_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T114101_20180208T114600_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T114620_20180208T114631_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T115510_20180208T120320_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20180208T121159 20180208T122317 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOFM_2_201802081121139_201802081122317_0001  CS_OFFL_SIR_IOPM_2_20180208T130256_20180208T131755_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
		records.  The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T132020_20180208T132511_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T133129_20180208T140536_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T143318_20180208T145806_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T150058_20180208T150427_C001	Ice Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T151035_20180208T153915_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T161157_20180208T163713_C001	Ocean Range Averaging Status	records. The loc Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T163842_20180208T164341_C001	Ice Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T165025_20180208T170151_C001	Ocean Range Averaging Status	records.

CS_OFFL_SIR_IOPM_2_20180208T170727_20180208T172511_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T181658_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T182939_20180208T190332_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T195556_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T211304_20180208T213042_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T214900_20180208T220630_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T221112_20180208T221826_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T223820_20180208T225555_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T225730_20180208T231133_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T231919_20180208T232122_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T232224_20180208T232623_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T232801_20180208T234338_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T234539_20180208T235503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180208T104819_20180208T104939_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180208T211218_20180208T211304_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180208T231641_20180208T231919_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T005859_20180208T005939_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T073321_20180208T074728_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T114614_20180208T114620_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T213042_20180208T213345_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T220631_20180208T221111_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T222731_20180208T223150_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.

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

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_20180207T235225_20180208T000411_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_20180208T000947_20180208T001215_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T001241_20180208T001705_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T001845_20180208T003348_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_20180208T003528_20180208T004157_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_20180208T011543_20180208T011932_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_20180208T012055_20180208T012647_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_20180208T012700_20180208T014504_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_20180208T014730_20180208T015618_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T015829_20180208T022047_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_20180208T030010_20180208T032419_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_20180208T032943_20180208T033409_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T033654_20180208T040520_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_20180208T043126_20180208T044601_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_20180208T045136_20180208T050342_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

De Gert 1, set 1, part 2 productionates			
Cert Pas (Cons 2 parameters and processes an	CS_OFFL_SIR_IOPM_2_20180208T050858_20180208T051447_C001	Ice Backscatter Averaging Status	
Depart Services (1997) Common transport (1997) Common	CS_OFFL_SIR_IOPM_2_20180208T051612_20180208T053529_C001		
Electrical processors of the company	CS_OFFL_SIR_IOPM_2_20180208T060722_20180208T064226_C001		
18 CMPL 2   24 00000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180208T064804_20180208T065318_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
Sec. OFF. 3R (OFF. 2 delacorational 2 de	CS_OFFL_SIR_IOPM_2_20180208T065456_20180208T065801_C001		The SWH and Ocean Averaging Status Flags have been set for one or
Section   Sect	CS_OFFL_SIR_IOPM_2_20180208T070427_20180208T071149_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
COLUMNIA CONTROL OF THE SAME O	CS OFFL SIR IOPM 2 20180208T073037 20180208T073320 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
COLUMNIA DE L'ARRIGONITATION DE L'ARRIGONITATI		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_CRE_BIL_COM_2_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_CONCOCOTIONS_C		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_CPT_SR_CPM_2_00000000000000000000000000000000000			The Ice Backscatter Averaging Status Flag has been set for one or more
DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D0162000700407_00192000700407_001  DS_OFF_SIN_OPM_2_D01620007100407_00192000700407_001  DS_OFF_SIN_OPM_2_D01620007100407_00192000700407_001  DS_OFF_SIN_OPM_2_D01620007100407_00192000700407_001  DS_OFF_SIN_OPM_2_D01620007100407_00192000700407_001  DS_OFF_SIN_OPM_2_D01620007100407_00192000700407_001  DS_OFF_SIN_OPM_2_D01620007100407_00192000700407_001  DS_OFF_SIN_OPM_2_D01620007100407_0019200700407_001  DS_OFF_SIN_OPM_2_D01620007100407_0019200700407_001  DS_OFF_SIN_OPM_2_D01620007110007_00192007110007_001  DS_OFF_SIN_OPM_2_D01620007110007_00192007110007_001  DS_OFF_SIN_OPM_2_D01620007110007_00192007110007_0019200700407_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_00192007_0019200			
CS_GFL_SIL_OPM_2_DIRECONTOWER_CHEROSTROOM_COST  SOFT_SIL_OPM_2_DIRECONTOWER_CHEROSTROOM_COST  SOFT_SIL_OPM_2_DIREC			
Secretary Averaging Status Play have been set for one or or Secretary Committee Control of the C			
Secretary 2-particular investigation (1998). Secretary 2-particula		Backscatter Averaging Status	more records.
Secretary 2. 2018/2018/10138 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 2019/202871 (2013) 201		Backscatter Averaging Status	more records.
Sports St. (PPM 2_2018020091100092_2018020091100097_C0010  Sports St. (PPM 2_2018020091100097_2018020091100097_C001)  Sports St. (PPM 2_2018020091100092_2018020091100097_C001)  Sports St. (PPM 2_2018020091100097_2018020091100097_C001)  Sports St. (PPM 2_2018020091100097_2018020091100097_C001)  Sports St. (PPM 2_2018020091100097_2018020091100097_C001)  Sports St. (PPM 2_2018020091100997_C00100091100097_C001)  Sports St. (PPM 2_20180200911100997_C001)  Sports St. (PPM 2_20180200911100997_C001000911100997_C001)  Sports St. (PPM 2_20180200911100997_C0010000911100997_C001)  Sports St. (PPM 2_20180200911100997_C0010000911100997_C001)  Sports St. (PPM 2_20180200911100997_C001000091100997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009997_C0010009999_C0010009999_C0010009999_C0010009999_C0010009999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C001000999_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C00100099_C001000099_C00100099_C00100099_C00100099_C001000099_C00100099_C00100099_C00100099_C0010	CS_OFFL_SIR_IOPM_2_20180208T091059_20180208T091112_C001	Backscatter Averaging Status	more records.
SC. PFTL_SIR_OPHA_2_collaboral floation_collaboral floation_collab	CS_OFFL_SIR_IOPM_2_20180208T092749_20180208T100007_C001		more records.
S. CPFL_SIR_CPML_2_01802081110042_018020811103452_C010  CS. CPFL_SIR_CPML_2_018020811103452_018020811103452_C010  CS. CPFL_SIR_CPML_2_018020811103452_018020811103452_C010  CS. CPFL_SIR_CPML_2_018020811103452_018020811103102  CS. CPFL_SIR_CPML_2_018020811103452_018020811103102  CS. CPFL_SIR_CPML_2_018020811103452_018020811103102  CS. CPFL_SIR_CPML_2_018020811103452_01802081103100  CS. CPFL_SIR_CPML_2_018020811103452_01802081103100  CS. CPFL_SIR_CPML_2_018020811103452_01802081103100  CS. CPFL_SIR_CPML_2_018020811103100  CS. CPFL_SIR_CPML_2_01802081110300  CS. CPFL_SIR_CPML_2_0180208	CS_OFFL_SIR_IOPM_2_20180208T100138_20180208T100703_C001	Ice Backscatter Averaging Status	records.
Specific Processing Control (1997) 2.0180008119318. Control (1	CS_OFFL_SIR_IOPM_2_20180208T100722_20180208T100957_C001		
So, OFFL_SR_JOPM_2.018020811030_0710305_0010  So, OFFL_SR_JOPM_2.201802081110319_0010  So, OFFL_SR_JOPM_2.201802081110319_0010  So, OFFL_SR_JOPM_2.201802081110319_0010008110806_0010  So, OFFL_SR_JOPM_2.201802081110319_00100081110801_0010  So, OFFL_SR_JOPM_2.201802081110319_00100081110801_0010  So, OFFL_SR_JOPM_2.20180208111090_00100081110801_0010  So, OFFL_SR_JOPM_2.20180208111090_0010008110801_0010  So, OFFL_SR_JOPM_2.20180208111090_0010008110801_0010  So, OFFL_SR_JOPM_2.20180208111090_00100081100081100008  So, OFFL_SR_JOPM_2.20180208111090_0010008110008110008  So, OFFL_SR_JOPM_2.20180208110008_0010008110008110008  So, OFFL_SR_JOPM_2.20180208110008_0010008110008110008  So, OFFL_SR_JOPM_2.20180208110008_0010008110008110008  So, OFFL_SR_JOPM_2.20180208110008_001000881100009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR_JOPM_2.20180208110008_0010008110009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR_JOPM_2.201802081110008_00100088110009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR_JOPM_2.20180208110008_00100088110009  So, OFFL_SR	CS_OFFL_SIR_IOPM_2_20180208T101804_20180208T103033_C001		
SCOPEL SIR_JOPM_2 20180208T11490_20180208T1491238_2001  SCOPEL SIR_JOPM_2 20180208T1490208T14902001  SCOPEL SIR_JOPM_2 20180208T1490208T149020001  SCOPEL SIR_JOPM_2 20180208T1490208T149000000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180208T103052_20180208T104815_C001		
Backscatter Averaging Status  Fig. (PPM_2 201802087114001_201802087114001_CO01  CS_OFFL_SIR_JOPM_2 201802087114002_20180208714000_CO01  CS_OFFL_SIR_JOPM_2 201802087114002_20180208714000_CO01  CS_OFFL_SIR_JOPM_2 201802087114002_20180208712000  CS_OFFL_SIR_JOPM_2 201802087114002_20180208712000  CS_OFFL_SIR_JOPM_2 20180208712190_20180208712000  CS_OFFL_SIR_JOPM_2 20180208712190_20180208713000  CS_OFFL_SIR_JOPM_2 20180208713000  CS_OFFL_SIR_JOPM_2 201802087150000  CS_OFFL_SIR_JOPM_2 20180208716000  CS_OFFL_SIR_JOPM_2 2018020871	CS_OFFL_SIR_IOPM_2_20180208T105153_20180208T105359_C001	Ice Backscatter Averaging Status	
SWH Averaging Status  Fig. SPEL_SIR_JOPM_2_20180208T114910_20180208T11490_C001  Set_GFEL_SIR_JOPM_2_20180208T114910_20180208T11490_C001  Inc. Backscatter Averaging Status  Fig. SPEL_SIR_JOPM_2_20180208T11490_20180208T10030_C001  Set_GFEL_SIR_JOPM_2_20180208T11590_20180208T100300_C001  Set_GFEL_SIR_JOPM_2_20180208T11590_20180208T100300_C001  Set_GFEL_SIR_JOPM_2_20180208T11590_20180208T119756_C001  Set_GFEL_SIR_JOPM_2_20180208T1390206_20180208T139756_C001  Set_GFEL_SIR_JOPM_2_20180208T1390206_20180208T139756_C001  Set_GFEL_SIR_JOPM_2_20180208T1390206_20180208T139516_C001  Set_GFEL_SIR_JOPM_2_20180208T1390206_20180208T139516_C001  Set_GFEL_SIR_JOPM_2_20180208T1390206_20180208T139516_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T139516_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T150037_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T150037_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T150037_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T150037_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T150037_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T150037_C001  Set_GFEL_SIR_JOPM_2_20180208T150036_20180208T150037_C001  Set_GFEL_SIR_JOPM_2_20180208T160037_C001  Set_GFEL_SIR_JOPM_2_20180208T180037_C001  Set_GFEL_SIR_JOPM_2_20180208T180037_C001  Set_GFEL_SIR_JOPM_2_20180208T180037_C001  Set_GFEL_SIR_JOPM_2_20180208T180037_C001  Set_GFEL_SIR_JOPM_2_20180208T180037_C001  Set_GFEL_SIR_JOPM_2_20180208T180037_C001  Set_GFEL_SIR_JOPM_2_20180208T180037_C001  Set_GFEL_SIR_JOPM_2_20180208T180007_C001  Set_G	CS_OFFL_SIR_IOPM_2_20180208T110945_20180208T112128_C001		
CS_OFFL_SIR_LOPM_2_20180208T14401_20180208T14602_C001  CS_OFFL_SIR_LOPM_2_20180208T14602_00100208T14031_C001  CS_OFFL_SIR_LOPM_2_20180208T19502_00100208T120302_C001  SS_OFFL_SIR_LOPM_2_20180208T19502_00100208T120302_C001  SS_OFFL_SIR_LOPM_2_20180208T19502_00100208T120302_C001  SS_OFFL_SIR_LOPM_2_20180208T19202_00100208T13055_C001  CS_OFFL_SIR_LOPM_2_20180208T19202_00100208T130547_C001  CS_OFFL_SIR_LOPM_2_20180208T19005_20180208T195047_C001  CS_OFFL_SIR_LOPM_2_20180208T19055_20180208T195047_C001  CS_OFFL_SIR_LOPM_2_20180208T19055_20180208T195045_C001  CS_OFFL_SIR_LOPM_2_20180208T19055_20180208T195045_C001  CS_OFFL_SIR_LOPM_2_20180208T19055_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T19055_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T19055_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_20180208T19055_C001  CS_OFFL_SIR_LOPM_2_20180208T190506_2	CS_OFFL_SIR_IOPM_2_20180208T112332_20180208T113919_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFF_SIR_IOPM_2_20180281114620_2018028112317_C001  SWH Averaging Status. Ocean gaskscater Averaging Status Flag have been set for one or more records.  SWH Averaging Status. Ocean gaskscater Averaging Status Flag have been set for one or more records.  SWH Averaging Status. Ocean gaskscater Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH and Ocean Averaging Status Flag have been set for one or more records.  The SWH an	CS_OFFL_SIR_IOPM_2_20180208T114101_20180208T114600_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL_SIR_IOPM_2_201802081130206_2018208150405_0010  SOFFL_SIR_IOPM_2_201802081130206_2018208152211_C001  SOFFL_SIR_IOPM_2_201802081130206_20180208113255_C001  SOFFL_SIR_IOPM_2_201802081130206_20180208113251_C001  SOFFL_SIR_IOPM_2_201802081130206_20180208113251_C001  SOFFL_SIR_IOPM_2_201802081130206_201802081130206_C001  SOFFL_SIR_IOPM_2_201802081130206_201802081130206_C001  SOFFL_SIR_IOPM_2_201802081130206_201802081130206_C001  SOFFL_SIR_IOPM_2_201802081130206_20180208115080_C001  SOFFL_SIR_IOPM_2_201802081130206_20180208115080_C001  SOFFL_SIR_IOPM_2_20180208115080_20180208115080_C001  SOFFL_SIR_IOPM_2_20180208115080_201802081150815_C001  SOFFL_SIR_IOPM_2_20180208115080_201802081150815_C001  SOFFL_SIR_IOPM_2_20180208115082_20180208116006_C001  SOFFL_SIR_IOPM_2_2018020811606_C001  SOFFL_SIR_IOPM_2_20180208116006_C001  SOFFL_SIR_IOPM_2_20180208116006_C001  SOFFL_SIR_IOPM_2_20180208116006_C001  SOFFL_SIR_IOPM_2_20180208119800_C0080208110303_C001  SOFFL_SIR_IOPM_2_20180208119800_C0080208110303_C001  SOFFL_SIR_IOPM_2_20180208119800_C0080208110303_C001  SOFFL_SIR_IOPM_2_20180208119800_C0080208110303_C001  SOFFL_SIR_IOPM_2_20180208119800_C0080208110303_C001  SOFFL_SIR_IOPM_2_20180208119800_C0080208110303_C001  SOFFL_SIR_IOPM_2_20180208119800_C0080208110303_C001  SOFFL_SIR_IOPM_2_20180208119800_C00802081100081100080_C001  SOFFL_	CS OFFL SIR IOPM 2 20180208T114620 20180208T114631 C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL SIR_IOPM_2_20180208T121195_20180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130256_0180208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208T130208	CS OFFL SIR IOPM 2 20180208T115510 20180208T120320 C001		The SWH and Ocean Averaging Status Flags have been set for one or
SO FFE_SIR_IOPM_2_20180208119020811901190208116936_C001  SWH Averaging Status, Cocan Backscatter Averaging Status Flag have been set for one or more except.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more except.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more except.  SWH Averaging Status, Cocan Backscatter Averaging Status  SWH Averaging Status, Cocan Backscatter Averaging Status  SWH Av		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SC_OFFL_SIR_JOPM_2_20180208T193129_20180208T145806_C001  SC_OFFL_SIR_JOPM_2_20180208T145806_C001  SC_OFFL_SIR_JOPM_2_20180208T145806_C001  SC_OFFL_SIR_JOPM_2_20180208T145806_C001  SC_OFFL_SIR_JOPM_2_20180208T145806_C001  SC_OFFL_SIR_JOPM_2_20180208T150457_C001  CS_OFFL_SIR_JOPM_2_20180208T150457_2001  CS_OFFL_SIR_JOPM_2_20180208T15035_20180208T150817_C001  CS_OFFL_SIR_JOPM_2_20180208T15035_20180208T150817_C001  CS_OFFL_SIR_JOPM_2_20180208T15035_20180208T150817_C001  CS_OFFL_SIR_JOPM_2_20180208T15035_20180208T150817_C001  CS_OFFL_SIR_JOPM_2_20180208T18035_20180208T163713_C001  CS_OFFL_SIR_JOPM_2_20180208T18035_20180208T163810_C001  CS_OFFL_SIR_JOPM_2_20180208T18035_20180208T163810_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180581_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180582_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180582_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180582_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180582_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180530_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180530_C001  CS_OFFL_SIR_JOPM_2_20180208T18030_20180208T180530_C001  CS_OFFL_SIR_JOPM_2_20180208T18040_20180208T180530_C001  CS_OFFL_SIR_JOPM_2_20180208T18040_20180208T180530_C001  CS_OFFL_SIR_JOPM_2_20180208T180580_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C0180208T190540_C018		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL SIR JOPM 2 20180208T193329 20180208T1908T 2 0180208T1908T 2 0180208T211304 2 0180208T21304 2 0180208T213			The Ice Backscatter Averaging Status Flag has been set for one or more
SO_OFFL_SIR_IOPM_2_20180208T15035_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T150058_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T150450_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T150450_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T15035_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T15035_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T16035_20180208T15035_C0180208T15035_C0180208T15035_C0180208T15035_C0180208T15035_C0180208T1600185_C001  CS_OFFL_SIR_IOPM_2_20180208T1615772_0180208T160018_C001  CS_OFFL_SIR_IOPM_2_20180208T160028_T160028_T160018_C001  CS_OFFL_SIR_IOPM_2_20180208T160028_T160028_T160018_C001  CS_OFFL_SIR_IOPM_2_20180208T160028_T160028_T160018_C001  CS_OFFL_SIR_IOPM_2_20180208T1800208T160028_T160018_C001  CS_OFFL_SIR_IOPM_2_20180208T1800208T160028_T16001  CS_OFFL_SIR_IOPM_2_20180208T1800208T160028_T16001  CS_OFFL_SIR_IOPM_2_20180208T1800208T160028_T16001  CS_OFFL_SIR_IOPM_2_20180208T1800208T1600208T1600208T1600208T1600000000000000000000000000000000000			
S_OFFL_SIR_IOPM_2_20180208T15045_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T15045_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T15045_20180208T150457_C001  CS_OFFL_SIR_IOPM_2_20180208T15045_20180208T163713_C001  CS_OFFL_SIR_IOPM_2_20180208T161157_20180208T163713_C001  CS_OFFL_SIR_IOPM_2_20180208T163842_20180208T163713_C001  CS_OFFL_SIR_IOPM_2_20180208T1630842_20180208T170515_C001  CS_OFFL_SIR_IOPM_2_20180208T180308_20180208T170515_C001  CS_OFFL_SIR_IOPM_2_20180208T180308_20180208T181688_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T181688_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T181688_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T181888_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T181893_C001  CS_OFFL_SIR_IOPM_2_20180208T180308_C0180208T1918177_C0180208T191872_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193640_C0180208T193640_C0180208T193640_C0180208T193640_C0180208T193640_C0180208T195600_C018028T190303_C010  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193640_C0180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T120430_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193640_C0180208T120430_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_C0180208T120430_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_C0180208T120430_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_C0180208T120430_C001  CS_OFFL_SIR_IOPM_2_20180208T1213044_C001  CS_OFFL_SIR_IOPM_2_20180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0180208T1213040_C0			
CS_OFFL_SIR_IOPM_2_20180208T150450_20180208T150817_C001  CS_OFFL_SIR_IOPM_2_20180208T160155_20180208T160713_C001  CS_OFFL_SIR_IOPM_2_20180208T160505_20180208T1707151_C001  CS_OFFL_SIR_IOPM_2_20180208T160505_20180208T1707151_C001  CS_OFFL_SIR_IOPM_2_20180208T160505_20180208T1707151_C001  CS_OFFL_SIR_IOPM_2_20180208T160505_20180208T1707151_C001  CS_OFFL_SIR_IOPM_2_20180208T160505_20180208T1707151_C001  CS_OFFL_SIR_IOPM_2_20180208T160505_20180208T1707151_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T186680_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T186680_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T186680_C001  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T18688_C001  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T182312  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T182312  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T182312  CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T191805566_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193032_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193032_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193032_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193032_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193042_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T193042_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T1204300_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T1213450_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T1213450_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213450_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213450_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213450_20180208T213431_C001			
CS_OFFL_SIR_IOPM_2_20180208T15035_20180208T153915_CO01  SWH Averaging Status  SWH Averag			records.
SS_OFFL_SIR_IOPM_2_20180208T163157_20180208T163713_C001  Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records.  SS_OFFL_SIR_IOPM_2_20180208T163025_20180208T170151_C001  SSWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20180208T165025_20180208T170151_C001  SSWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status Sign shave been set for one or more records.  SSWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  SWH Averaging Status Sign shave been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for		0 0	records.
GS_OFFL_SIR_IOPM_2_20180208T163842_20180208T164341_C001		Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180208T165025_20180208T170151_C001  CS_OFFL_SIR_IOPM_2_20180208T165025_20180208T170151_C001  CS_OFFL_SIR_IOPM_2_20180208T170727_20180208T172511_C001  CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T181658_C001  CS_OFFL_SIR_IOPM_2_20180208T1818030_20180208T181658_C001  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T182412_C001  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T21128_C001  CS_OFFL_SIR_IOPM_2_20180208T2113042_20001  CS_OFFL_SIR_IOPM_2_20180208T2113042_20001  CS_OFFL_SIR_IOPM_2_20180208T2113042_20001  CS_OFFL_SIR_IOPM_2_20180208T2113042_20001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T2120630_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T2120630_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T2120630_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T213045_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T213045_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T213045_C001  CS_OFFL_SIR_IOPM_2_20180208T213045_20180208T213045_C00	CS_OFFL_SIR_IOPM_2_20180208T161157_20180208T163713_C001	0 0	more records.
S_OFFL_SIR_IOPM_2_20180208T19072_20180208T19151_C001  SWH Averaging Status  Cs_OFFL_SIR_IOPM_2_20180208T181803_20180208T181658_C001  Cs_OFFL_SIR_IOPM_2_20180208T18180208T182412_C001  Cs_OFFL_SIR_IOPM_2_20180208T18182939_20180208T190332_C001  Cs_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  Cs_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  Cs_OFFL_SIR_IOPM_2_20180208T1918040_20180208T191827_C001  Cs_OFFL_SIR_IOPM_2_20180208T195506_C001  Cs_OFFL_SIR_IOPM_2_20180208T193640_20180208T200308_C001  Cs_OFFL_SIR_IOPM_2_20180208T208223_20180208T200308_C001  Cs_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  Cs_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001  Cs_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001  Cs_OFFL_SIR_IOPM_2_20180208T210747_20180208T21218_C001  Cs_OFFL_SIR_IOPM_2_20180208T21304_20180208T21218_C001  Cs_OFFL_SIR_IOPM_2_20180208T21304_20180208T21218_C001  Cs_OFFL_SIR_IOPM_2_20180208T21304_20180208T2121341_C001  Cs_OFFL_SIR_IOPM_2_20180208T21304_20180208T213042_C001  Cs_OFFL_SIR_IOPM_2_20180208T21304	CS_OFFL_SIR_IOPM_2_20180208T163842_20180208T164341_C001	• •	records.
Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20180208T181303_20180208T182412_C001  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T182412_C001  CS_OFFL_SIR_IOPM_2_20180208T182939_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T182939_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T19717_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T19717_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T195556_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T210477_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T211304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T213431_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214014_20180208T214014_20180208T214014_20180208T214014_20180208T214014_20180208T214014_20180208T214014_20180208T21	CS_OFFL_SIR_IOPM_2_20180208T165025_20180208T170151_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T182412_C001  CS_OFFL_SIR_IOPM_2_20180208T182939_20180208T190332_C001  CS_OFFL_SIR_IOPM_2_20180208T182939_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T195556_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213042_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T21300_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T21300_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T21300_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T21300_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_201802	CS_OFFL_SIR_IOPM_2_20180208T170727_20180208T172511_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180208T182939_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T19556_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T19556_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T19556_C001  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T20823_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T20823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T211304_20180208T211304_C0018  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T21431_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214002_20180208T214212_C001	CS_OFFL_SIR_IOPM_2_20180208T181030_20180208T181658_C001		* * *
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001  SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T19556_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T211304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214010_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214010_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214000_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214000_20180208T214208_C001  CS_OFFL_SIR_IOPM_2_20180208T214000_20180208T214208_C001  CS_OFFL_SIR_IOPM_2_20180208T214000_20180208T214208_C001  CS_OFFL_SIR_IOPM_2_20180208	CS_OFFL_SIR_IOPM_2_20180208T181840_20180208T182412_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T20823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T21304_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T213421_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214000_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214900_20180208T2216030_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one	CS_OFFL_SIR_IOPM_2_20180208T182939_20180208T190332_C001		
CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T211304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T21400_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214000_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214000_20180208T214212_C	CS_OFFL_SIR_IOPM_2_20180208T191717_20180208T191827_C001		
CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001  Ice Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Fla	CS_OFFL_SIR_IOPM_2_20180208T193640_20180208T195556_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001  SWH Averaging Status, Ocean Backscatter Averaging Status SWH averaging SWH averaging SWH averaging	CS_OFFL_SIR_IOPM_2_20180208T195800_20180208T200308_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T211218_C001  CS_OFFL_SIR_IOPM_2_20180208T211304_20180208T213042_C001  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T213421_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T21400_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T21400_20180208T20630_C001  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 one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180208T200823_20180208T204303_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180208T211304_20180208T213042_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  Ice Backscatter Averaging Status  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180208T210747_20180208T211218_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180208T213345_20180208T213431_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  CS_OFFL_SIR_IOPM_2_20180208T214900_20180208T20630_C001  CS_OFFL_SIR_IOPM_2_20180208T214900_20180208T20630_C001  CS_OFFL_SIR_IOPM_2_20180208T214112_20180208T214212_C001  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180208T214014_20180208T214212_C001  Ice Backscatter Averaging Status  The Ice Backscatter Averaging Status Flag has 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  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180208T214900_20180208T220630_C001  SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or The SWH and Ocean Averaging Status Flags have been set for one or			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180208T221112_20180208T221826_C001  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	00001	Backscatter Averaging Status	more records.

CS_OFFL_SIR_IOPM_2_20180208T223820_20180208T225555_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_20180208T225730_20180208T231133_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_20180208T231919_20180208T232122_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T232224_20180208T232623_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180208T232801_20180208T234338_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_20180208T234539_20180208T235503_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_20180208T104819_20180208T104939_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180208T211218_20180208T211304_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_20180208T231641_20180208T231919_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T005859_20180208T005939_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_20180208T073321_20180208T074728_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_20180208T114614_20180208T114620_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180208T213042_20180208T213345_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_20180208T220631_20180208T221111_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_20180208T222731_20180208T223150_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.

umber of products with errors:

### 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

## 6.4 P2P Auxiliary Correction Error Check

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

60

Number of products with errors:

# 6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

## 6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180207T232211_20180208T001147_C002	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_220180208T001147_20180208T010124_C002	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_220180208T010124_20180208T015100_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_220180208T015100_20180208T024038_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_220180208T024038_20180208T033014_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T033014_20180208T041951_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_220180208T041951_20180208T050928_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_220180208T050928_20180208T055905_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_220180208T055905_20180208T064841_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T064841_20180208T073819_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOP_2_20180208T092755_20180208T091732_C001  CS_OFFL_SIR_IOP_2_20180208T091732_20180208T100708_C001  CS_OFFL_SIR_IOP_2_20180208T100708_20180208T105646_C001  CS_OFFL_SIR_IOP_2_20180208T105646_20180208T114622_C001  CS_OFFL_SIR_IOP_2_20180208T114622_20180208T114622_C001  CS_OFFL_SIR_IOP_2_20180208T114622_20180208T123559_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  Ocean Range Averaging Status, Ice Range Averaging Status,
Range Averaging Status or more records.  CS_OFFL_SIR_IOP_2_20180208T100708_20180208T105646_C001  CS_OFFL_SIR_IOP_2_20180208T105646_20180208T114622_C001  CS_OFFL_SIR_IOP_2_20180208T105646_20180208T114622_C001  CS_OFFL_SIR_IOP_2_20180208T114622_20180208T123559_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_3_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_3_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_3_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_3_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_3_20180208T123559_20180208T132535_C001
CS_OFFL_SIR_IOP_2_20180208T105646_20180208T1195646_C001  Range Averaging Status  Ocean Range Averaging Status, Ice Range Averaging Status Ice Range Averagin
Range Averaging Status or more records.  CS_OFFL_SIR_IOP_2_20180208T114622_20180208T123559_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  Range Averaging Status or more records.  The Ocean and Ice Range Averaging Status Flags have been set for one or more records.  The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
Range Averaging Status or more records.  CS_OFFL_SIR_IOP_2_20180208T123559_20180208T132535_C001  Range Averaging Status, Ice Range Averaging Status, Ice Range Averaging Status or more records.
Range Averaging Status or more records.
CS_OFFL_SIR_IOP_2_20180208T132535_20180208T141513_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T141513_20180208T150449_C001  Ocean Range Averaging Status, Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T150449_20180208T155426_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T155426_20180208T164403_C001  Ocean Range Averaging Status, Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T164403_20180208T173340_C001  Ocean Range Averaging Status, Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T173340_20180208T182316_C001  Ocean Range Averaging Status, Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T182316_20180208T191254_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T191254_20180208T200230_C001  Ocean Range Averaging Status, Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T200230_20180208T205207_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T205207_20180208T214143_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T214143_20180208T223121_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T223121_20180208T232057_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T232057_20180209T001034_C002  Ocean Range Averaging Status, Ice Range Averaging Status Flags have been set for one or more records.

# 6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180207T232211_20180208T001147_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180208T001147_20180208T010124_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180208T010124_20180208T015100_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_220180208T015100_20180208T024038_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_220180208T024038_20180208T033014_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_220180208T033014_20180208T041951_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_220180208T041951_20180208T050928_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_220180208T050928_20180208T055905_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_220180208T055905_20180208T064841_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_220180208T064841_20180208T073819_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_220180208T073819_20180208T082755_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_220180208T082755_20180208T091732_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_220180208T091732_20180208T100708_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_220180208T100708_20180208T105646_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_220180208T105646_20180208T114622_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_220180208T114622_20180208T123559_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_220180208T123559_20180208T132535_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_220180208T132535_20180208T141513_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_220180208T141513_20180208T150449_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_220180208T150449_20180208T155426_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_220180208T155426_20180208T164403_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_220180208T164403_20180208T173340_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_220180208T173340_20180208T182316_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_220180208T182316_20180208T191254_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_220180208T191254_20180208T200230_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_220180208T200230_20180208T205207_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_220180208T205207_20180208T214143_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_220180208T214143_20180208T223121_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_220180208T223121_20180208T232057_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_220180208T232057_20180209T001034_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

# 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_220180208T001147_20180208T010124_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T010124_20180208T015100_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T015100_20180208T024038_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T024038_20180208T033014_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T033014_20180208T041951_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T041951_20180208T050928_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T050928_20180208T055905_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T055905_20180208T064841_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T073819_20180208T082755_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T082755_20180208T091732_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T091732_20180208T100708_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T100708_20180208T105646_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T105646_20180208T114622_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T114622_20180208T123559_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T123559_20180208T132535_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T132535_20180208T141513_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T141513_20180208T150449_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T150449_20180208T155426_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T155426_20180208T164403_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T164403_20180208T173340_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T173340_20180208T182316_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T182316_20180208T191254_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T191254_20180208T200230_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T200230_20180208T205207_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180208T205207_20180208T214143_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180208T214143_20180208T223121_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS\_OFFL\_SIR\_IOP\_2\_\_20180208T223121\_20180208T232057\_C001

Ocean Retracking Quality Flag

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

CS\_OFFL\_SIR\_IOP\_2\_\_20180208T232057\_20180209T001034\_C002

Ocean Retracking Quality Flag

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