







## 1. Overview

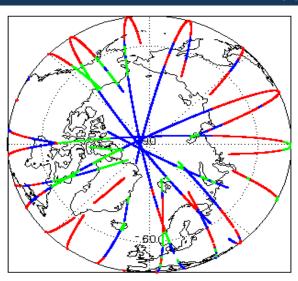
Report Production:	31-Jan-2019	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP)	

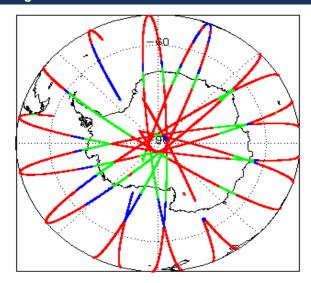
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 5.2
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7
Ocean Retracking Quality Check	See Section 5.8

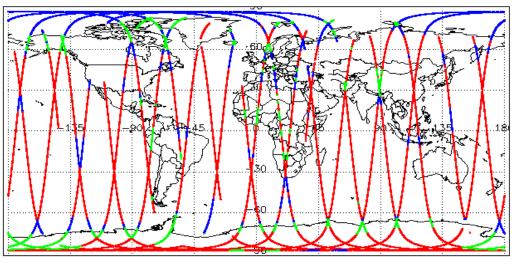
Mission / Instrument News		
29-Jan-2019		
30-Jan-2019	None	

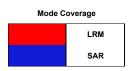
# 31-Jan-2019 Nothing planned

# 2. Global Coverage









# 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

# 4. NOP 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 NOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

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#### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

17

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190130T014528_20190130T015438_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190130T221059_20190130T223633_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T003814_20190130T003850_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T020557_20190130T020613_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T065744_20190130T065822_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T070242_20190130T070456_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T070646_20190130T070857_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T084155_20190130T084414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T093404_20190130T093617_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T132946_20190130T133047_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T151232_20190130T151301_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T182722_20190130T183023_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T183135_20190130T183350_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190130T224656_20190130T224825_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190130T074430_20190130T074535_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190130T132152_20190130T132543_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190130T151538_20190130T152323_C001	Loss of Echo	The tracking echo is missing for one or more records

### 5. NOP Level 2 Data Quality Check

## 5.1 L2 Product Format Check

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

Number of products with errors:

0

### 5.2 L2 Product Header Analysis

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

Number of products with errors:

0

## 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

#### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

0

### 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

0

## 5.6 L2 Range Measurement Check

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

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

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

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

Number of products with errors:

73

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190129T234141_20190130T001536_C001	lucean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

	l	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T002829_20190130T003018_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T010011_20190130T010218_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190130T010418_20190130T010711_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T010910_20190130T011433_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T012024_20190130T014242_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T014528_20190130T015438_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T020714_20190130T021035_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T022642_20190130T023243_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T023320_20190130T024633_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T024838_20190130T025332_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T025940_20190130T033205_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T035428_20190130T042109_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T043044_20190130T043237_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T043915_20190130T045533_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T045536_20190130T045700_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T050142_20190130T050922_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T052442_20190130T052747_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T053016_20190130T054541_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS OFFL SIR NOPM 2 20190130T054755 20190130T060249 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T060935_20190130T061149_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T061230_20190130T061649_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T061831_20190130T063329_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 201901301063508 201901301063755 C001	Ocean Range Averaging Status	records. 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_NOPM_2_20190130T063758_20190130T064936_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T071316_20190130T072020_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T072930_20190130T074430_C001	Ocean Range Averaging Status	records.  The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T074725_20190130T075553_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T075809_20190130T082057_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T085645_20190130T092358_C001	Ocean Range Averaging Status	records.  The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T092916_20190130T093404_C001	Ice Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T093641_20190130T094001_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T094006_20190130T100308_C001	Ocean Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T103542_20190130T104536_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190130T105114_20190130T110143_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T110835_20190130T111432_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T111606_20190130T113619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T113623_20190130T114502_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T115229_20190130T115425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T120719_20190130T124133_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T124743_20190130T125303_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T125940_20190130T130102_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T133047_20190130T133307_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T134714_20190130T135545_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T135831_20190130T142046_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T142633_20190130T142745_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T142751_20190130T143158_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T143403_20190130T144705_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T144853_20190130T145458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T145631_20190130T150127_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T152604_20190130T155934_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T160138_20190130T160643_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
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CS_OFFL_SIR_NOPM_2_20190130T160703_20190130T161008_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T164842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T181139_20190130T182302_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T184905_20190130T190125_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T190305_20190130T191736_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T191951_20190130T192451_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T193330_20190130T193605_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T193638_20190130T195517_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T203404_20190130T205720_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T210030_20190130T210408_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T210430_20190130T210737_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T213708_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190130T042808_20190130T042809_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190130T210424_20190130T210429_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190130T020649_20190130T020714_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190130T043904_20190130T043915_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

## 5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190129T234141_20190130T001536_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_NOPM_2_20190130T002829_20190130T003018_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_NOPM_2_20190130T010011_20190130T010218_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_NOPM_2_20190130T010418_20190130T010711_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_NOPM_2_20190130T010910_20190130T011433_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T012024_20190130T014242_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_NOPM_2_20190130T014528_20190130T015438_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_NOPM_2_20190130T020714_20190130T021035_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_NOPM_2_20190130T022642_20190130T023243_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_NOPM_2_20190130T023320_20190130T024633_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_NOPM_2_20190130T024838_20190130T025332_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T025940_20190130T033205_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_NOPM_2_20190130T035428_20190130T042109_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_NOPM_2_20190130T043044_20190130T043237_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T043915_20190130T045533_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_NOPM_2_20190130T045536_20190130T045700_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_NOPM_2_20190130T050142_20190130T050922_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_NOPM_2_20190130T052442_20190130T052747_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T053016_20190130T054541_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_NOPM_2_20190130T054755_20190130T060249_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_NOPM_2_20190130T060935_20190130T061149_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190130T061230_20190130T061649_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

Computing Notice   200000000000000000000000000000000000		laure e e	
Comparing production	CS_OFFL_SIR_NOPM_2_20190130T061831_20190130T063329_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
C. PHIL SHIP (CAMP L. 2019) 1017 1017 (1) (2) 1919 1017 1018 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	CS_OFFL_SIR_NOPM_2_20190130T063508_20190130T063755_C001		
Comp. St. Nome 2 and 100 control (100 cont	CS_OFFL_SIR_NOPM_2_20190130T063758_20190130T064936_C001	SWH Averaging Status, Ocean	
COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (10070723 2010 (10070723 2010)  COUNTY BRY NOW 2 2010 (1007	CS OFFL SIR NOPM 2 20190130T071316 20190130T072020 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CR. OFFE, BR. NOPMS 2 20100120110004 (2001) 110004 (2001)			
CONT. J. P. (2017). 2016 1070 1080 2016 1070 1080 2016 1070 1080 2016 1080 1080 1080 1080 1080 1080 1080 1			
COLFEL BIN NOW J. 2016/03/11/10/20 (2018) 2018/2019/2019/2019/2019/2019/2019/2019/2019	CS_OFFL_SIR_NOPM_2_20190130T074725_20190130T075553_C001	* *	records.
Cont.   St.   More   2 2010010701000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190130T075809_20190130T082057_C001	0 0 .	
Sec. OFF., SPE, NUMBY_201030710542_019103710558_CO.  SPE, NUMBY_201030710542_019103710558_CO.  SPE, NUMBY_201030710542_019103710558_CO.  SPE, NUMBY_201030710543_019103710558_CO.  SPE, NUMBY_201030710546_019103710558_CO.  SPE, NUMBY_201030710566_CO.  SPE, NUMBY	CS_OFFL_SIR_NOPM_2_20190130T085645_20190130T092358_C001		
SOUTH, SRI NORM, 2_201001071134012_20101010114302_20101143014302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101143014302_20101143014302_201010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_20101010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_201010114302_2010114302_2010114302_2010114302_2010114302_2010114302_2010114302_2	CS_OFFL_SIR_NOPM_2_20190130T092916_20190130T093404_C001	Ice Backscatter Averaging Status	
Co. CHL Bits NoMe 2_20190101110004_2019050111000.   Co. CHL Bits NoMe 2_20190101110004_20190501110011_2019050111001_20190501110011_20190501110011_20190501110011_20190501110011010110101101011010101010101	CS_OFFL_SIR_NOPM_2_20190130T094006_20190130T100308_C001		
CB_CPF_SR_NOPW_2_201930111085_01931011108C_COID 100150110810_COID 10015011081081_COID 10015011081081_COID 10015011081081_COID 10015011081081_COID 10015011081081_COID 10015011081081_COID 1001501108181081_COID 1001501108181_COID 100150118181_COID 10015011818181_COID 100150118181_COID 100150118181_COID 100150118181_COID 100150118181_COID 100150118181_COID 100150118181_COID 100150118181181_COID 100150118181_COID 100150118181_COID 100150118181_COID 100150118181_COID 100150118181_COID 100150118181_COID 10015011818	CS OFFL SIR NOPM 2 20190130T103542 20190130T104536 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CB_OFFL_SR_NORM_2_20160100T1105S_0016010T11492_O01  LB_OFFL_SR_NORM_2_2016010T11492_0016010T114916_O01  CB_OFFL_SR_NORM_2_2016010T11492_0016010T11492_O01  CB_OFFL_SR_NORM_2_2016010T11492_0016010T14932_O01  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O01  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O01  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O01  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O01  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O01  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T12940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T14940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T14940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T14940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T14940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T14940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T14940_0016010T14932_O016  CB_OFFL_SR_NORM_2_2016010T14940_0016010T14940_O016010T1494000_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T149400_O016010T14940	CS OFFL SIR NOPM 2 20190130T105114 20190130T110143 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CB_OFFL_BIN_NOPW_2_20100130T11901_201010111902_001  SWITH Amening Status. Cover Backwards Amening Status. Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings have been set for one or more records.  The SWITH and Cover Amenings Status Filings			
ESCAPEL, SIN, NOPH 2, 2019/10/11/20/19 2019/10/20/11/20/19 2019/10/20/11/20/19 2019/10/20/11/20/19 2019/10/20/11/20/19 2019/10/20/20/20/20/20/20/20/20/20/20/20/20/20			
Secret Se			more records.
Secretaries Americang Status  Figs. PEPL, SER, NOPM 2, 2019/01/01/12/01/20/17/	CS_OFFL_SIR_NOPM_2_20190130T113623_20190130T114502_C001	Backscatter Averaging Status	more records.
Co. CPFL_SIR_NOPM2_20190130713902_20190130713902_0019  CS_OFFL_SIR_NOPM2_20190130713902_20190130713902_0019  CS_OFFL_SIR_NOPM2_20190130713902_20190130713902_0019  CS_OFFL_SIR_NOPM2_20190130713902_20190130713902_0019  CS_OFFL_SIR_NOPM2_20190130713902_20190130713902_0019  CS_OFFL_SIR_NOPM2_20190130713902_20190130713902_0019  CS_OFFL_SIR_NOPM2_20190130713902_20190130714903_0019  CS_OFFL_SIR_NOPM2_20190130714903_20190130714903_0019  CS_OFFL_SIR_NOPM2_20190130714903_20190130714903_0019  CS_OFFL_SIR_NOPM2_201901307144903_20190130714903_0019  CS_OFFL_SIR_NOPM2_201901307144903_20190130714903_0019  CS_OFFL_SIR_NOPM2_201901307144903_20190130714903_0019  CS_OFFL_SIR_NOPM2_201901307144903_20190130714903_0019  CS_OFFL_SIR_NOPM2_201901307144903_20190130714903_0019  CS_OFFL_SIR_NOPM2_201901307144903_201901307119093_0019  CS_OFFL_SIR_NOPM2_201901307114903_20190130719093_0019  CS_OFFL_SIR_NOPM2_201901307114903_20190130719093_0019  CS_OFFL_SIR_NOPM2_201901307119093_20190130719093_0019  CS_OFFL_SIR_NOPM2_	CS_OFFL_SIR_NOPM_2_20190130T120719_20190130T124133_C001		more records.
Beckstater Averaging Status Tree records.  G. OFFL, Sir, NOPM 2, 2010/13/07139047, 2010/13/0713907. CO01  Beckstater Averaging Status. Ceam beckstater Averaging Status. Plags have been set for one or more records.  G. OFFL, Sir, NOPM 2, 2010/13/07139047, 2010/13/0713904. CO01  Beckstater Averaging Status. Ceam Status Plags have been set for one or more records.  G. OFFL, Sir, NOPM 2, 2010/13/07139041, 2010/13/0713905. CO01  G. OFFL, Sir, NOPM 2, 2010/13/07139041, 2010/13/0714905. CO01  G. OFFL, Sir, NOPM 2, 2010/13/07149042, 2010/13/0714904. CO01  G. OFFL, Sir, NOPM 2, 2010/13/071	CS_OFFL_SIR_NOPM_2_20190130T124743_20190130T125303_C001	* *	records.
Backscatter Averaging Status. Ocean more records.  G. G.F.F., SIR, NOPM_2 2010130T153046, 2010130T153046, C001  G. G.F.F., SIR, NOPM_2 2010130T153045, 2010130T153046, C001  G. G.F.F., SIR, NOPM_2 2010130T153045, 2010130T163046, C001  G. G.F.F., SIR, NOPM_2 2010130T15305, 2010130T163046, C001  G. G.F.F., SIR, NOPM_2 2010130T15305, 2010130T16305, C001  G. G.F.F., SIR, NOPM_2 2010130T16305, 2010130T16036, C001  G. G.F.F., SIR, NOPM_2 2010130T16305, 2010130T16036, C001  G. G.F.F., SIR, NOPM_2 2010130T16305, 2010130T16036, C001  G. G.F.F., SIR, NOPM_2 2010130T160305, 2010130T16035, C001  G. G.F.F., SIR, NOPM_2 2010130T160305, 2010130T16030, C001  G. G.F.F., SIR, NOPM_2 2	CS_OFFL_SIR_NOPM_2_20190130T125502_20190130T125817_C001	Backscatter Averaging Status	more records.
GS_OFFL_SIR_NOPM_2_20190130T13306_20190130T13306_C001  GS_OFFL_SIR_NOPM_2_20190130T13414_20190130T13306_C001  GS_OFFL_SIR_NOPM_2_20190130T13414_20190130T13426_C001  GS_OFFL_SIR_NOPM_2_20190130T134213_20190130T14206_C001  GS_OFFL_SIR_NOPM_2_20190130T14203_20190130T14206_C001  GS_OFFL_SIR_NOPM_2_20190130T14203_20190130T14206_C001  GS_OFFL_SIR_NOPM_2_20190130T14203_20190130T14206_C001  GS_OFFL_SIR_NOPM_2_20190130T14203_20190130T14206_C001  GS_OFFL_SIR_NOPM_2_20190130T14203_20190130T14206_C001  GS_OFFL_SIR_NOPM_2_20190130T14206_C001  GS_OFFL_SIR_NOPM_2_20190130T14003_C00190130T16008_C001  GS_OFFL_SIR_NOPM_2_20190130T16008_C001  GS_OFFL_SIR_NOPM_2_20190130T19003_C0019030T16008_C001  GS_OFFL_SIR_NOPM_2_20190130T19013_C001	CS_OFFL_SIR_NOPM_2_20190130T125940_20190130T130102_C001		
SOUPPLE, BIR, NOPPL 2, 201901307134496, 201901307135454, CO01  CS_OFFL_SIR, NOPPL 2, 20190130713474, 201901307135455, CO01  CS_OFFL_SIR, NOPPL 2, 201901307142751, 201901307142745, CO01  CS_OFFL_SIR, NOPPL 2, 201901307142751, 201901307142745, CO01  CS_OFFL_SIR, NOPPL 2, 201901307142751, 201901307142754, CO01  CS_OFFL_SIR, NOPPL 2, 201901307142754, 20190130716093, CO01  CS_OFFL_SIR, NOPPL 2, 20190130716093, CO100130716093, CO01  CS_OFFL_SIR, NOPPL 2, 20190130717093, CO100130716093, CO01  CS_OFFL_SIR, NOPPL 2, 20190130771093, CO10013	CS_OFFL_SIR_NOPM_2_20190130T133047_20190130T133307_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO, OFFL_SIR_NOPM_2_20190130714374_20190130714275_C001  SOFFL_SIR_NOPM_2_201901307142633_20190130714275_C001  SOFFL_SIR_NOPM_2_201901307142405_20190130714275_C001  SOFFL_SIR_NOPM_2_201901307142004_201901307150904_C001  SOFFL_SIR_NOPM_2_201901307161070_C0190130716005_C001  SOFFL_SIR_NOPM_2_2019013071610005_C0190130710005_C001  SOFFL_SIR_NOPM_2_2019013071610005_C0190130710005_C001  SOFFL_SIR_NOPM_2_20190130716005_C0190130710005_C001  SOFFL_SIR_NOPM_2_20190130716005_C01901307120005_C001  SOFFL_SIR_NOPM_2_20190130716005_C01901307120005_C001  SOFFL_SIR_NOPM_2_20190130716005_C01901307120005_C001  SOFFL_SIR_NOPM_2_20190130716005_C01901307120005_C001  SOFFL_SIR_NOPM_2_201901307120005_C01901307120005_C001  SOFFL_SIR_NOPM_2_201901307120005_C01901307120005_C001  SOFFL_SIR_NOPM_2_201901307120005_C01901307120005_C001  SOFFL_SIR_NOPM_2_201901307120005_C01901307120005_C001  SOFFL_SIR_NOPM_2_201901307120005_C01901307120005_C001  SOFFL_SIR_NOPM_2_201901307120005_C01901	CS_OFFL_SIR_NOPM_2_20190130T133406_20190130T133448_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS, GFFL_SIR_NOPM_2_201901307142933_201901307142745_C001  CS_GFFL_SIR_NOPM_2_201901307142933_201901307142745_C001  CS_GFFL_SIR_NOPM_2_20190130714290_20190130714475_C001  CS_GFFL_SIR_NOPM_2_20190130714290_20190130714475_C001  CS_GFFL_SIR_NOPM_2_20190130714290_20190130714475_C001  CS_GFFL_SIR_NOPM_2_20190130714290_20190130714475_C001  CS_GFFL_SIR_NOPM_2_20190130714290_201901307149159_C001  CS_GFFL_SIR_NOPM_2_20190130714903_20190130716903_C001  CS_GFFL_SIR_NOPM_2_20190130716903_20190130716903_C001  CS_GFFL_SIR_NOPM_2_20190130719030_20190130719073_C001  CS_GFFL_SIR_NOPM_2_20190130719030_20190130719073_C001  CS_GFFL_SIR_NOPM_2_20190130719030_20190130719073_C001  CS_GFFL_SIR_NOPM_2_2019013072000_20190130712073_C001  CS_GFFL_SIR_NOPM_2_20190130720300_20190130712073_C001  CS_GFFL_SIR_NOPM_2_20190130720300_20190130712073_C001  CS_GFFL_SIR_NOPM_2_20190130720300_201901307120302_C001  CS_GFFL_SIR_NOPM_2_20190130720300_201901307120302_C001  CS_GFFL_SIR_NOPM_2_201901307120300_201901307120302_C001  CS_GFFL_SIR_NOPM_2_201901307120300_201901307120300_C001  CS_GFFL_SIR_NOPM_2_201901307120300_201901307120300_C001  CS_GFFL_SIR_NOPM_2_201901307120300_201901307120300_C001  CS_GFFL_SIR_NOPM_2_201901307120300_201901307120300_C001  CS_GFFL_SIR_NOPM_2_201901307120300_201901307120300_C001  CS_GFFL_SIR_NOPM_2_201901307120300_201901307120300_C001  CS_GFFL_SIR_NOPM_2_201901307120300_2019013071	CS OFFL SIR NOPM 2 20190130T134714 20190130T135545 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190130T142633_20190130T142745_C001  CS_OFFL_SIR_NOPM_2_20190130T142751_20190130T144705_C001  CS_OFFL_SIR_NOPM_2_20190130T14403_20190130T144705_C001  CS_OFFL_SIR_NOPM_2_20190130T14403_20190130T144705_C001  CS_OFFL_SIR_NOPM_2_20190130T14403_20190130T144705_C001  CS_OFFL_SIR_NOPM_2_20190130T14693_120190130T145458_C001  CS_OFFL_SIR_NOPM_2_20190130T14693_120190130T154548_C001  CS_OFFL_SIR_NOPM_2_20190130T14693_20190130T154548_C001  CS_OFFL_SIR_NOPM_2_20190130T16933_20190130T154548_C001  CS_OFFL_SIR_NOPM_2_20190130T16933_20190130T154504_C001  CS_OFFL_SIR_NOPM_2_20190130T16933_20190130T154504_C001  CS_OFFL_SIR_NOPM_2_20190130T16973_20190130T16908_C001  CS_OFFL_SIR_NOPM_2_20190130T16973_20190130T16908_C001  CS_OFFL_SIR_NOPM_2_20190130T16905_20190130T16905_C001  CS_OFFL_SIR_NOPM_2_20190130T16905_20190130T16935_C001  CS_OFFL_SIR_NOPM_2_20190130T16905_20190130T16955_C001  CS_OFFL_SIR_NOPM_2_20190130T16905_20190130T16955_C001  CS_OFFL_SIR_NOPM_2_20190130T169305_20190130T16955_C001  CS_OFFL_SIR_NOPM_2_20190130T169305_20190130T16957_C001  CS_OFFL_SIR_NOPM_2_20190130T169305_20190130T16957_C001  CS_OFFL_SIR_NOPM_2_20190130T16905_20190130T16905_C001  CS_OFFL_SIR_NOPM_2_20190130T16905_20190130T16905		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190130T143632_20190130T143058_C001  SG_OFFL_SIR_NOPM_2_20190130T143632_20190130T15045_C001  SG_OFFL_SIR_NOPM_2_20190130T143632_20190130T15045_C001  SG_OFFL_SIR_NOPM_2_20190130T143632_20190130T15045_C001  SG_OFFL_SIR_NOPM_2_20190130T143632_20190130T15045_C001  SG_OFFL_SIR_NOPM_2_20190130T143632_20190130T16043_C001  SG_OFFL_SIR_NOPM_2_20190130T160138_20190130T16043_C001  SG_OFFL_SIR_NOPM_2_20190130T160305_C0190130T16043_C001  SG_OFFL_SIR_NOPM_2_20190130T160305_C0190130T16043_C001  SG_OFFL_SIR_NOPM_2_20190130T160305_C0190130T16043_C001  SG_OFFL_SIR_NOPM_2_20190130T160305_C0			
SOFFL_SIR_NOPM_2_20190130T145403_20190130T145458_C001  SOFFL_SIR_NOPM_2_20190130T145631_20190130T150127_C001  SOFFL_SIR_NOPM_2_20190130T145631_20190130T150127_C001  SOFFL_SIR_NOPM_2_20190130T152004_20190130T150034_C001  SOFFL_SIR_NOPM_2_20190130T160033_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160033_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160033_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160033_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160033_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T160043_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T160040_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T160064_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T160064_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T19026_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T19026_C001  SOFFL_SIR_NOPM_2_20190130T160032_20190130T19026_C001  SOFFL_SIR_NOPM_2_20190130T190302_20190130T19026_C001  SOFFL_SIR_NOPM_2_20190130T190302_20190130T19026_C001  SOFFL_SIR_NOPM_2_20190130T190302_20190130T19026_C001  SOFFL_SIR_NOPM_2_20190130T190302_20190130T190260_C001  SOFFL_SIR_NOPM_2_20190130T190302_20190130T190507_C001  SOFFL_SIR_NOPM_2_20190130T190302_20190130T190507_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T1205720_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T120100_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T120100_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T120100_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T120100_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T120100_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T120100_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T120100_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T12000_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T12000_C001  SOFFL_SIR_NOPM_2_20190130T120030_20190130T12000_C001  SOFFL_SIR_NOPM_2_20190130T10030_20190130T12000_C001  SOFFL_SIR_NOPM_2_2019			
Soffer SiR NOPM 2 20190130T145683 20190130T15072 COD  Soffer SiR NOPM 2 20190130T145681 20190130T15072 COD  Soffer SiR NOPM 2 20190130T160738 20190130T15072 COD  Soffer SiR NOPM 2 20190130T160738 20190130T16074 COD  Soffer SiR NOPM 2 20190130T16074 20190130T19075 COD  Soffer SiR NOPM 2 20190130T190305 COD  Soffer SiR NOPM 2 20190130T120305 COD  Soffer S			
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Sey FFL_SIR_NOPM_2_20190130T162604_20190130T160643_C001  CS_OFFL_SIR_NOPM_2_20190130T16038_20190130T160643_C001  CS_OFFL_SIR_NOPM_2_20190130T16038_20190130T160643_C001  CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T161006_C001  CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T161006_C001  CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T161006_C001  CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T161006_C001  CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T161006_C001  CS_OFFL_SIR_NOPM_2_20190130T161006_C001  CS_OFFL_SIR_NOPM_2_20190130T19105_C001  CS_OFFL_SIR_NOPM_2_20190130T19105_C001  CS_OFFL_SIR_NOPM_2_20190130T19105_C001  CS_OFFL_SIR_NOPM_2_20190130T19105_C001  CS_OFFL_SIR_NOPM_2_20190130T19105_C001  CS_OFFL_SIR_NOPM_2_20190130T1905_C001  CS_OFFL_SIR_NOPM_2_20190130T20T205_C001  CS_OFFL_SIR_NOPM_2_20190130T20		Backscatter Averaging Status	more records.
Backscatter Averaging Status The cerecords.  GS_OFF_SIR_NOPM_2_201901307160138_2019013071600842_C001  Ice Backscatter Averaging Status The cerecords.  GS_OFF_SIR_NOPM_2_201901307160703_201901307161008_C001  Ice Backscatter Averaging Status The cerecords.  SWH Averaging Status Ince Teacher SWH Averaging Status SWH Averaging Status Ince Teacher SWH Averaging Status Ince Teacher Ince	CS_OFFL_SIR_NOPM_2_20190130T145631_20190130T150127_C001	Backscatter Averaging Status	more records.
Les OFFL_SIR_NOPM_2_20190130T160703_20190130T160DC_COO1  Les Backscatter Averaging Status  The Ee Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter Averaging Status Flag have been set for one or more records.  SWH Averaging Status, Coean Backscatter A	CS_OFFL_SIR_NOPM_2_20190130T152604_20190130T155934_C001		more records.
CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T161842_C001 SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T191951_20190130T1971956_C001 SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T190305_20190130T191736_C001 SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T19035_20190130T197196_C001 SWH Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T190305_C0001 SWH Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T193330_20190130T193605_C001 Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T193638_20190130T1955T7_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T203404_20190130T205720_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190130T210030_20190130T210408_C001 CS_OFFL_SIR_NOPM_2_20190130T21030_20190130T210737_C001 CS_OFFL_SIR_NOPM_2_20190130T21030_20190130T220303_C001 Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190130T220303_C00190130T220303_C001 Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224366_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190130T204242_20190130T204240_C001 CS_OFFL_SIR_NOPM_2_20190130T204242_20190130T204240_C001 CS_OFFL_SIR_NOPM_2_20190130T204242_20190130T204240_C001 CS_OFFL_SIR_NOPM_2_20190130T204242_20190130T204240_C001 CS_OFFL_SIR_NOPM_2_20190130T204242_20190130T0042809_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190130T204242_20190130T0042809_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190130T204242_20190130	CS_OFFL_SIR_NOPM_2_20190130T160138_20190130T160643_C001	Ice Backscatter Averaging Status	records.
Backscatter Averaging Status   Second	CS_OFFL_SIR_NOPM_2_20190130T160703_20190130T161008_C001		records.
Backscatter Averaging Status  SWH Averaging Status  SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH averaging Status  SWH averag	CS_OFFL_SIR_NOPM_2_20190130T161743_20190130T164842_C001		
SWH Averaging Status SWH Avera	CS_OFFL_SIR_NOPM_2_20190130T181139_20190130T182302_C001		
SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set f	CS_OFFL_SIR_NOPM_2_20190130T184905_20190130T190125_C001		
CS_OFFL_SIR_NOPM_2_20190130T191951_20190130T193605_C001  SWH Averaging Status, Ocean 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, 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 Flags have been set for one or more records.  SWH Averaging Status Flags have been set for one or more records.  SWH Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flag has been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.  The Loe Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Coean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averag	CS_OFFL_SIR_NOPM_2_20190130T190305_20190130T191736_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been set for one or more records.  The Ice Backscatter Averaging Status Flags have been se	CS_OFFL_SIR_NOPM_2_20190130T191951 20190130T192451 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190130T193638_20190130T195517_C001  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T203404_20190130T205720_C001  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T210030_20190130T210408_C001  CS_OFFL_SIR_NOPM_2_20190130T210430_20190130T210737_C001  Loe Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T210737_C001  CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T213708_C001  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T224059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T224059_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T223632  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T23406_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T205039_20190130T232406_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T205039_20190130T2050500  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  SWH Averaging Status  CS_OFFL_SIR_NOPR_2_20190130T04242_20190130T042409_C001  Loe Backscatter Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been s		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190130T203404_20190130T205720_C001  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T210430_20190130T210408_C001  CS_OFFL_SIR_NOPM_2_20190130T210430_20190130T210737_C001  Loe Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T21059_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T2300706_20190130T230127_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T2300706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T014242_20190130T210429_C001  CS_OFFL_SIR_NOPM_2_20190130T005819_20190130T010111_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T010115_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T010011_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPR_2_20190130T014242_			
Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T210030_20190130T210408_C001  CS_OFFL_SIR_NOPM_2_20190130T210430_20190130T210737_C001  CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T211022_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T210429_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T210429_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T010111_C001  CS_OFFL_SIR_NOPR_2_20190130T01042808_20190130T010111_C001  CS_OFFL_SIR_NOPR_2_20190130T01042808_20190130T0101528_C001  CS_OFFL_SIR_NOPR_2_20190130T01042808_20190130T0104528_C001  CS_OFFL_SIR_NOPR_2_20190130T0104240_20190130T0104528_C001  CS_OFFL_SIR_NOPR_2_20190130T0104240_20190130T0104528_C001  CS_OFFL_SIR_NOPR_2_20190130T01			
CS_OFFL_SIR_NOPM_2_20190130T21022_0190130T210737_C001  CS_OFFL_SIR_NOPM_2_20190130T21022_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T224059_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T24024_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042424_20190130T042429_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014528_C001  CS_		Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20190130T21022_20190130T213708_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T210429_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T210429_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014244_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014244_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014244_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014244_20190130T014528_C			records.
Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001  CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T230127_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T0424_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T04242_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  SWH Averaging Status  more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been	CS_OFFL_SIR_NOPM_2_20190130T210430_20190130T210737_C001		records.
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CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPM_2_20190130T04244_20190130T210429_C001  CS_OFFL_SIR_NOPM_2_20190130T04244_20190130T210429_C001  CS_OFFL_SIR_NOPM_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T01011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T0104242_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T0101011_C001  CS_OFFL_SIR_NOPR_2_20190130T0101011_C001  CS_OFFL_SIR_NOPR_2_20190130T01001011_C001  CS_OFFL_SIR_NOPR_2_20190130T010001011_C001  CS_OFFL_SIR_NOPR_2_	CS_OFFL_SIR_NOPM_2_20190130T221059_20190130T223633_C001		more records.
Backscatter Averaging Status more records.  CS_OFFL_SIR_NOPM_2_20190130T230706_20190130T232406_C001  CS_OFFL_SIR_NOPM_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPN_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPN_2_20190130T210424_20190130T210429_C001  CS_OFFL_SIR_NOPN_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  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.  The SWH and Ocean Averaging Status Flags have been set for one or mo	CS_OFFL_SIR_NOPM_2_20190130T224329_20190130T224656_C001		records.
Backscatter Averaging Status  CS_OFFL_SIR_NOPN_2_20190130T042808_20190130T042809_C001  CS_OFFL_SIR_NOPN_2_20190130T0424_20190130T210429_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T0104528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20190130T225039_20190130T230127_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPN_2_20190130T042808_20190130T042809_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_NOPN_2_20190130T210424_20190130T210429_C001  CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Status Status Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Status Status Flags 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_NOPM_2_20190130T230706_20190130T232406_C001	Backscatter Averaging Status	
CS_OFFL_SIR_NOPN_2_20190130T210424_20190130T210429_C001  CS_OFFL_SIR_NOPN_2_20190130T005819_20190130T010011_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001  SWH Averaging Status, Ocean Backscatter 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.	CS_OFFL_SIR_NOPN_2_20190130T042808_20190130T042809_C001	SWH Averaging Status, Ocean	
CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_NOPN_2_20190130T210424_20190130T210429_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_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.  SWH Averaging Status, Ocean SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_NOPR_2_20190130T005819_20190130T010011_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPR_2_20190130T020649_20190130T020714_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or	CS_OFFL_SIR_NOPR_2_20190130T014242_20190130T014528_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.	CS_OFFL_SIR_NOPR_2_20190130T020649_20190130T020714 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Dackscatter Averaging Status	ITIDIE IECORGS.

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\_NOPR\_2\_20190130T043904\_20190130T043915\_C001

# 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:

56