







## 1. Overview

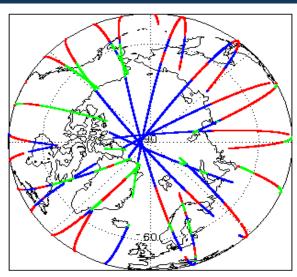
Report Production:	22-Mar-2019	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP)	

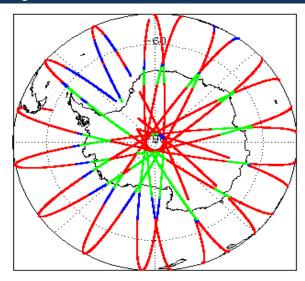
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 5.2
Auxiliary Data File Usage Check	See Section 4.3 and 5.3
Auxiliary Correction Error Check	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7
Ocean Retracking Quality Check	See Section 5.8

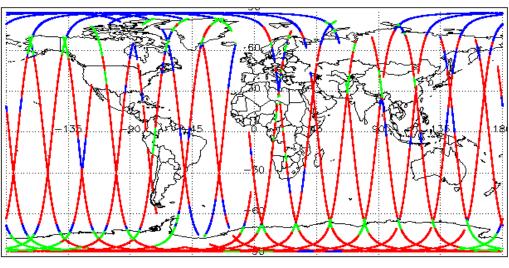
Mission / Instrument News		
20-Mar-2019	None	
04.14 0040		

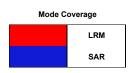
21-Mar-2019 None 22-Mar-2019 Nothing planned

# 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.

Dynamic Atmospheric Correction: The DAC is missing in all products because the auxiliary files required are not available in time for processing. This known and expected behaviour.

Number of products with errors: 18

Product	AUX File	Comment
All NOP_1B products up to 20190321T120842 (186 products)	CS_OPER_AUXIIONGIM_20190321T000000_2 0190321T235959_0001	Forecast AUXI file missing at the time of processing

#### 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:

Product	Test Failed	Description
All NOP_1B products up to 20190321T120842 (186 products)	Ionospheric Correction	Due to a missing Forecast Auxiliary File there is an error with the lonospheric Correction

#### 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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190321T060944_20190321T061532_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20190321T225840_20190321T231553_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

#### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190321T022130_20190321T022943_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190321T214840_20190321T222248_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190321T032311_20190321T032448_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190321T042227_20190321T042332_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190321T060140_20190321T060302_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190321T065410_20190321T065650_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190321T023118_20190321T023226_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190321T043135_20190321T043229_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190321T073232_20190321T073448_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:

### 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:

### 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: 186

Product	AUX File	Comment
All NOP_2 products up to 20190321T120842 (186 products)	CS_OPER_AUXIIONGIM_20190321T000000_2 0190321T235959_0001	Forecast AUXI file missing at the time of processing

## 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: 186

Product	Test Failed	Description
All NOP_2 products up to 20190321T120842 (186 products)	Honospheric Correction	Due to a missing Forecast Auxiliary File there is an error with the lonospheric Correction

#### 5.5 L2 Measurement Confidence Data Check

CS\_OFFL\_SIR\_NOPM\_2\_20190321T225840\_20190321T231553\_C001

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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190321T060944_20190321T061532_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

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

### 5.6 L2 Range Measurement Check

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

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

Power scaling error

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. 78

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190320T234631_20190321T000617_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T000825_20190321T001325_C001	Ice Range Averaging Status	The loc Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T001838_20190321T005226_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T011806_20190321T014102_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T015037_20190321T015230_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T015910_20190321T021446_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T021450_20190321T021649_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T022130_20190321T022943_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T024434_20190321T024717_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T024919_20190321T030534_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T030747_20190321T032222_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T032932_20190321T033141_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T033231_20190321T033643_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T033818_20190321T035354_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T035554_20190321T040515_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T042332_20190321T042417_C001	Ice Range Averaging Status	The Ice 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_20190321T043334_20190321T044308_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T044959_20190321T050504_C001	Ocean Range Averaging Status	records.  The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T050726_20190321T051544_C001	Ice Range Averaging Status	records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T051740_20190321T053439_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T053712_20190321T053923_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T061642_20190321T064354_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T064622_20190321T064822_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T064905_20190321T065410_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T065650_20190321T072223_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T075423_20190321T080528_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T081107_20190321T082239_C001  CS_OFFL_SIR_NOPM_2_20190321T082828_20190321T083429_C001	Ocean Range Averaging Status	records.  The Ice Range Averaging Status Flag has been set for one or more
	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T083600_20190321T090445_C001  CS_OFFL_SIR_NOPM_2_20190321T092729_20190321T100212_C001	Ocean Range Averaging Status Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T1092729_20190321T101300_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190321T101428 20190321T102053 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190321T105109 20190321T105431 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190321T110709 20190321T111538 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190321T111823 20190321T114130 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190321T114632 20190321T114739 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T114744_20190321T115152_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T115328_20190321T120744_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T120842_20190321T121210_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
	5 5	records.

CS_OFFL_SIR_NOPM_2_20190321T124556_20190321T131927_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T133247_20190321T133450_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T150611_20190321T150745_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T151538_20190321T152914_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T153128_20190321T154303_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T161056_20190321T162118_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T162258_20190321T163752_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T163945_20190321T164446_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T164510_20190321T164520_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T165757_20190321T170628_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T171018_20190321T171505_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T175356_20190321T181703_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T182018_20190321T182402_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T182424_20190321T182715_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T183001_20190321T185859_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T193043_20190321T195626_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T195800_20190321T200316_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T200323_20190321T200649_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T200918_20190321T202117_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T202654_20190321T204324_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T210609_20190321T212529_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T212950_20190321T213624_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T213800_20190321T214351_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T214840_20190321T222248_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T225840_20190321T231553_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T231730_20190321T232242_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T232802_20190321T235053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T235338_20190322T000256_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190321T100414_20190321T100736_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190321T082239_20190321T082425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190321T140854_20190321T140915_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190321T155341_20190321T155536_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
		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T000825_20190321T001325_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFFE SIR NOPM 2 201903211001838 201903211005226 C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
	0 0	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	0 0	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CB_OFF_SR_NOMY_2_PateBot1795372_P0000179534_Q031  CB_OFF_SR_NOMY_2_PateBot179534_P0000179534_Q031  CB_OFF_SR_NOMY_2_PateBot1795334_Q031  CB_OFF_SR_NOMY_2_PateBot179534_Q031  CB_OFF_SR_NOMY_2_PateBot1795334_Q031  CB_OFF_SR_NOM			
G. OFFL, SR. NOPM 2, 20100021T002192, 2010022T1002492, 201002T1002492, 201002T	CS_OFFL_SIR_NOPM_2_20190321T015037_20190321T015230_C001	Ice Backscatter Averaging Status	
Search Communication Control (1994). A search control (1994) and the search of to one or or not control (1994). A search of the	CS_OFFL_SIR_NOPM_2_20190321T015910_20190321T021446_C001		
Sex OFFL SR NORM 2 2010021100419 201002110044 201002110044 20100419 2010	CS_OFFL_SIR_NOPM_2_20190321T021450_20190321T021649_C001		
CS_GFL_SIR_NOPW_2_2018021100442_2018021100545_C010  CS_GFL_SIR_NOPW_2_2018021100047_2018021100554_C010  CS_GFL_SIR_NOPW_2_2018021100047_2018021100554_C010  CS_GFL_SIR_NOPW_2_2018021100564_2010  CS_GFL_SIR_NOPW_2_20180211005642_2010  CS_GFL_SIR_NOPW_2_20180211100564_2010  CS_GFL_SIR_NOPW_2_20180211100564_2010  CS_GFL_SIR_NOPW_2_20180211100564_2010  CS_GFL_SIR_NOPW_2_20180211100564_2010  CS_GFL_SIR_NOPW_2_20180211100564_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_2010  CS_GFL_SIR_NOPW_2_201802211005642_	CS_OFFL_SIR_NOPM_2_20190321T022130_20190321T022943_C001	SWH Averaging Status, Ocean	
SSH Averaging Status. Dozen SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 201003211100342, 201003211100342, 20100321100345 (2010) SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 201003211100343, 201003211100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 201003211100345, 201003211100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 201003211100345, 201003211100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 201003211100345, 20100321100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 201003211100345, 20100321100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100345, 20100321100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100345, 20100321100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100345, 20100321100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100345, 20100321100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100345, 20100321100345, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100345, 20100321100340, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100340, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100340, 20100321100340, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100340, 20100321100340, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100340, 20100321100340, 2010 SSH Averaging Status. Sept have been set for one or more Cit. CHE, Jan. NOPH. 2, 20100321100340, 20100321100340, 2010 S	CS_OFFL_SIR_NOPM_2_20190321T024434_20190321T024717_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SWI Averaging Status. Cream from the SWI Averaging Status. Plags have been set for one or more received. See JEFS, SER NORM _2.01002171032012_20102031703314_C001   The SWI averaging Status. Plags have been set for one or more received. See JEFS, SER NORM_2.01002171032014_201020317033015_C001   SWI Averaging Status. Cream SWI Averaging Status. Plags have been set for one or more received. See JEFS, SER NORM_2.01002171032014_201040517040516_C001   SWI Averaging Status. Cream SWI Averaging Status. Plags have been set for one or more received. See JEFS, SER NORM_2.01002171040516_C001   SWI Averaging Status. Cream SWI Averaging Status. Cream SWI Averaging Status. Cream SWI Averaging Status. See JEFS have been set for one or more received. See JEFS see JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status see JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. Cream SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. Cream Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. Cream SWI Averaging Status. Cream SWI Averaging Status. See JEFS have been set for one or more received. SWI Averaging Status. Cream SWI Averaging Status. Cream SWI Averaging St	CS_OFFL_SIR_NOPM_2_20190321T024919_20190321T030534_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_01903217033542_201903217033645_C001  CS_OFFL_SIR_NOPM_2_01903217033542_201903217033655_C001  CS_OFFL_SIR_NOPM_2_01903217033542_201903217035654_C001  CS_OFFL_SIR_NOPM_2_01903217035594_C01903217036596_C001  CS_OFFL_SIR_NOPM_2_01903217036592_C01903217036696_C001  CS_OFFL_SIR_NOPM_2_01903217036792_201903217036964_C001  CS_OFFL_SIR_NOPM_2_01903217036792_201903217036964_C001  CS_OFFL_SIR_NOPM_2_01903217036792_C01903217036964_C001  CS_OFFL_SIR_NOPM_2_01903217036792_C01903217036964_C001  CS_OFFL_SIR_NOPM_2_01903217036792_C01903217036962_C001  CS_OFFL_SIR_NOPM_2_01903217036962_C001  CS_OFF	CS OFFL SIR NOPM 2 20190321T030747 20190321T032222 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFF_SIR_NOPM_2_201903211033518_201903211035354_C001  Sign_Fill_Bill_NOPM_2_201903211035554_201903211035354_C001  Sign_Fill_Bill_NOPM_2_201903211035554_201903211035354_C001  Sign_Fill_Bill_NOPM_2_201903211035554_20190321104530_C001  Sign_Fill_Bill_NOPM_2_20190321104530_C001  Sign_Fill_Bill_NOPM_2_20190321104530_C001  Sign_Fill_Bill_NOPM_2_20190321104530_C001  Sign_Fill_Bill_NOPM_2_20190321104530_C001  Sign_Fill_Bill_NOPM_2_20190321105450_C001  Sign_Fill_Bill_NOPM_2_20190321105450_C001  Sign_Fill_Bill_NOPM_2_20190321105450_C001  Sign_Fill_Bill_NOPM_2_20190321106450_C001  Sign_Fill_Bill_NOPM_2_20190321106450_C001  Sign_Fill_Bill_NOPM_2_20190321106450_C001  Sign_Fill_Bill_NOPM_2_20190321106450_C001  Sign_Fill_Bill_NOPM_2_20190321106450_C001  Sign_Fill_Bill_NOPM_2_20190321106450_C001  Sign_Fill_Bill_NOPM_2_20190321106450_C001  Sign_Fill_Bill_NOPM_2_20190321106460_C001  Sign_Fill_Bill_NOPM_2_20190321106460_C001  Sign_Fill_Bill_NOPM_2_20190321106460_C001  Sign_Fill_Bill_NOPM_2_20190321106460_C001  Sign_Fill_Bill_NOPM_2_20190321106460_C001  Sign_Fill_Bill_NOPM_2_20190321106460_C001  Sign_Fill_Bill_NOPM_2_20190321106460_C001  Sign_Fill_Bill_Bill_Bill_Bill_Bill_Bill_Bill			The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL_SR_NOPM_2_20100321103034_0010021103054_0010021030554_00100211030554_00100211040554_0010021			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T044392_0190321T044390_0001  SS_OFFL_SIR_NOPM_2_20190321T044395_0190321T044390_0001  SS_OFFL_SIR_NOPM_2_20190321T044395_0190321T044390_0001  SS_OFFL_SIR_NOPM_2_20190321T051544_C001  SS_OFFL_SIR_NOPM_2_20190321T051542_20190321T051544_C001  SS_OFFL_SIR_NOPM_2_20190321T051742_20190321T051544_C001  SS_OFFL_SIR_NOPM_2_20190321T051742_20190321T051544_C001  SS_OFFL_SIR_NOPM_2_20190321T051742_20190321T051544_C001  SS_OFFL_SIR_NOPM_2_20190321T051742_20190321T051544_C001  SS_OFFL_SIR_NOPM_2_20190321T051742_20190321T064392_C001  SS_OFFL_SIR_NOPM_2_20190321T051742_20190321T064392_C001  SS_OFFL_SIR_NOPM_2_20190321T06442_C001  SS_OFFL_SIR_NOPM_2_20190321T106452_C001  SS_OFFL_SIR_NOPM_2_20190321T106452_C001  SS_OFFL_SIR_NOPM_2_20190321T06442_C001  SS_OFFL_SIR_NOPM_2_20190321T06442_C001  SS_OFFL_SIR_NOPM_2_20190321T06442_C001  SS_OFFL_SIR_NOPM_2_20190321T06442_C001  SS_OFFL_SIR_NOPM_2_20190321T106452_C001  SS_OFFL_SIR_NOPM_2_2019032		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SR_NOPM_2_20190321T04969_20190321T069342_CO11  CS_OFFL_SR_NOPM_2_20190321T059372_0190321T059454_CO11  CS_OFFL_SR_NOPM_2_20190321T059372_0190321T059452_CO11  CS_OFFL_SR_NOPM_2_20190321T059372_0190321T059452_CO11  CS_OFFL_SR_NOPM_2_20190321T059372_0190321T059452_CO11  CS_OFFL_SR_NOPM_2_20190321T059372_0190321T059452_CO11  CS_OFFL_SR_NOPM_2_20190321T059372_0190321T059452_CO11  CS_OFFL_SR_NOPM_2_20190321T059372_0190321T059452_CO11  CS_OFFL_SR_NOPM_2_20190321T059452_CO11  CS_OFFL_SR_NOPM_2_20190321T0594662_CO11  CS_OFFL_SR_NOPM_2_20190321T059406_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059432_CO11  CS_OFFL_SR_NOPM_2_20190321T059322_CO11  CS_OFFL_SR_NOPM_2_20190321T059322_CO11  CS_OFFL_SR_NOPM_2_20190321T059322_CO11  CS_OFFL_SR_NOPM_2_20190321T059322_CO11  CS_OFFL_SR_NOPM_2_20190321T059322_CO11  CS_OFFL_SR_NOPM_2_20190321T059322_CO11  CS_OFFL_SR_NOPM_2_20190321T105932_C0190321T059342_CO11  CS_OFFL_SR_NOPM_2_20190321T105932_C0190321T059342_CO11  CS_OFFL_SR_NOPM_2_20190321T105932_C0190321T059342_CO11  CS_OFFL_SR_NOPM_2_20190321T105932_C0190321T059342_CO11  CS_OFFL_SR_NOPM_2_20190321T105932_C0190321T105932_C011  CS_OFFL_SR_NOPM_2_20190321T1105932_C0190321T105932_C011  CS_OFFL_SR_NOPM_2_20190321T111			
SOFT_SIR_NOPM_2 20190321T044995_20190321T05504_C001  SOFT_SIR_NOPM_2 20190321T051740_20190321T05544_C001  SOFT_SIR_NOPM_2 20190321T051740_20190321T05544_C001  SOFT_SIR_NOPM_2 20190321T051740_20190321T055439_C001  SOFT_SIR_NOPM_2 20190321T051740_20190321T055439_C001  SOFT_SIR_NOPM_2 20190321T05439_C001  SOFT_SIR_NOPM_2 20190321T06422_20190321T05439_C001  SOFT_SIR_NOPM_2 20190321T06442_20190321T064540_C001  SOFT_SIR_NOPM_2 20190321T06442_20190321T064540_C001  SOFT_SIR_NOPM_2 20190321T06462_20190321T065640_C001  SOFT_SIR_NOPM_2 20190321T066660_20190321T066680_C001  SOFT_SIR_NOPM_2 20190321T066660_20190321T066680_C001  SOFT_SIR_NOPM_2 20190321T066680_20190321T066680_C001  SOFT_SIR_NOPM_2 20190321T066680_20190321T106680_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T106680_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T106680_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T106680_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T106680_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T106680_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T106680_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C001  SOFT_SIR_NOPM_2 20190321T1066800_20190321T1066800_C00			
Southern Level (1982) 1 (1982) 1 (1982) 1 (1983)			
CS_OFFL_SIR_NOPM_2_20190321T061942_20190321T061942_20190321T064932_C001  SS_OFFL_SIR_NOPM_2_20190321T061942_20190321T064932_C001  SS_OFFL_SIR_NOPM_2_20190321T061942_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T0764092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T0764092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T0764092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T0764092_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T064932_C001  CS_OFFL_SIR_NOPM_2_20190321T106492_C001  CS_OFFL_SIR_NOPM_2_20190321T106492_C001  CS_OFFL_SIR_NOPM_2_20190321T106792_20190321T100302_C001  CS_OFFL_SIR_NOPM_2_20190321T106492_C001  CS_OFFL_SIR_NOPM_2_20190321T106492_C001  CS_OFFL_SIR_NOPM_2_20190321T106492_C001  CS_OFFL_SIR_NOPM_2_20190321T104282_0190321T100302_C001  CS_OFFL_SIR_NOPM_2_20190321T104282_0190321T100302_C001  CS_OFFL_SIR_NOPM_2_20190321T104282_0190321T100302_C001  CS_OFFL_SIR_NOPM_2_20190321T114432_C0190321T116431_C001  CS_OFFL_SIR_NOPM_2_20190321T114432_C0190321T116431_C001  CS_OFFL_SIR_NOPM_2_20190321T114432_C0190321T114320_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T114320_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113200_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113200_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113200_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113200_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113302_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113302_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113302_C001  CS_OFFL_SIR_NOPM_2_20190321T114332_0190321T113302_C001  CS_OFFL_SIR_NOPM_2_20190321T1143		Backscatter Averaging Status	more records.
Backscatter Averaging Status Flags have been set for one or more records.  SPH SIR NOPM 2 20190321T06492 20190321T06492 (20100321T06492) CS OFFL SIR NOPM 2 20190321T06492 20190321T06492 (20100321T06492) CS OFFL SIR NOPM 2 20190321T06490 (20100321T06492) CS OFFL SIR NOPM 2 20190321T106490 (20100321T06492) CS OFFL SIR NOPM 2 20190321T106490 (20100321T06492) CS OFFL SIR NOPM 2 20190321T106490 (20100321T106492) CS OFFL SIR NOPM 2 201			records.
Backscatter Averaging Status  SPIN Averaging Status  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set for one or more records.  The SPIN and Ocean Averaging Status Flags have been set	CS_OFFL_SIR_NOPM_2_20190321T051740_20190321T053439_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190321T064682_20190321T06432_C001  CS_OFFL_SIR_NOPM_2_20190321T06405_20190321T06233_C001  CS_OFFL_SIR_NOPM_2_20190321T06505_20190321T06232_C001  SWH Averaging Status  SW	CS_OFFL_SIR_NOPM_2_20190321T053712_20190321T053923_C001	Backscatter Averaging Status	more records.
Les Der Liste, NOPM_2_20190321T064905_20190321T064905_20190321T064905_20190321T064905_20190321T064905_20190321T07223_20001  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Coan Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Flag has been set for one or more records.  SWH Averaging Status Flag has been set for one or more records.  SWH Averaging Status Flag have been set for one or more records.  SWH Averaging Status Flag have been set for one or more records.  The SWH and Coan Averaging Status Flag has been set for one or more records.  The GWH and Coan Averaging Status Flag has been set for one or more records.  The SWH and Coan Averaging Status Flag has been set for one or more records.  The SWH and Coan Averaging Status Flag has been set for one or more records.  The SWH averaging Status Flag have been set for one or more records.  The SWH and Coan Averaging Status Flag has been set for one or more records.  The SWH aver	CS_OFFL_SIR_NOPM_2_20190321T061642_20190321T064354_C001		more records.
CS_OFFL_SIR_NOPM_2_20190321T08502_0190321T080528_ CS_OFFL_SIR_NOPM_2_20190321T08223_0190321T080528_ CS_OFFL_SIR_NOPM_2_20190321T080528_ CS_OFFL_SIR_NOPM_2_20190321T08223_0190321T080528_ CS_OFFL_SIR_NOPM_2_20190321T08223_0190321T080528_ CS_OFFL_SIR_NOPM_2_20190321T08228_ CS_OFFL_SIR_NOPM_2_20190321T08228_ CS_OFFL_SIR_NOPM_2_20190321T080502_0190321T009045_ CS_OFFL_SIR_NOPM_2_20190321T00576_02_0190321T000576_02_0190321T000576_02_0190321T000576_02_0190321T000576_02_0190321T000576_02_0190321T000576_02_0190321T000576_02_0190321T1000576_02_019032	CS_OFFL_SIR_NOPM_2_20190321T064622_20190321T064822_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging	CS_OFFL_SIR_NOPM_2_20190321T064905_20190321T065410_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status  GS_OFFL_SIR_NOPM_2_20190321T082829_C001  GS_OFFL_SIR_NOPM_2_20190321T082829_C001  GS_OFFL_SIR_NOPM_2_20190321T083600_20190321T083600_C0190321T08360_C0190321T083600_C0190321T083600_C0190321T083600_C0190321T08360_C0190321T0	CS_OFFL_SIR_NOPM_2_20190321T065650_20190321T072223_C001		
SOFEL SIR, NOPM_2_20190321T108107_20190321T1082829_C001  SWH Averaging Status  CS_OFFL_SIR, NOPM_2_20190321T1082829_20190321T108300_C001  SWH Averaging Status  The loe 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 SWH and Ocean Averaging Status 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 rec	CS_OFFL_SIR_NOPM_2_20190321T075423_20190321T080528_C001		
CS_OFFL_SIR_NOPM_2_20190321T082828_20190321T09045_C001  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flag has been set for one or more records.  SWH Averag	CS_OFFL_SIR_NOPM_2_20190321T081107_20190321T082239_C001	SWH Averaging Status, Ocean	
SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Scatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Cean 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 Cean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Cean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Cean 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 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.  SWH Averaging Status Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status Ocean Backscat	CS_OFFL_SIR_NOPM_2_20190321T082828_20190321T083429_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Ocean 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 loe	CS_OFFL_SIR_NOPM_2_20190321T083600_20190321T090445_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190321T100736_20190321T10300_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 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.  SWH Averaging Status  The CB Backscatter Averaging Status Flags h	CS OFFL SIR NOPM 2 20190321T092729 20190321T100212 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 (Superaging S	CS OFFL SIR NOPM 2 20190321T100736 20190321T101300 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190321T105109_20190321T11538_C001  SWH Averaging Status Sakscatter Averaging Status SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_NOPM_2_20190321T111823_20190321T111538_C001  SWH Averaging Status SWH Averaging S		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190321T110709_20190321T111538_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 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.  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.  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.  The loe 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 loe 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 loe 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 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.  The loe Backscatter 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_NOPM_2_20190321T111823_20190321T114739_C001  CS_OFFL_SIR_NOPM_2_20190321T114632_20190321T114739_C001  CS_OFFL_SIR_NOPM_2_20190321T11474_20190321T114739_C001  CS_OFFL_SIR_NOPM_2_20190321T11474_20190321T11552_C001  CS_OFFL_SIR_NOPM_2_20190321T115328_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T115328_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T120744_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T131927_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T1320637_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132062_C001  CS_OFFL_SIR_NOPM_2_20190321T132077_20190321T132062_C001  CS_OFFL_SIR_NOPM_2_20190321T132077_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T144864_C001  CS_OFFL_SIR_NOPM_2_20190321T1442500_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1445002_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1445002_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1445002_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1450022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1450022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1450022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1450022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455635_C001  CS_OFFL_SIR_NOPM_2_20190321T145502_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T145502_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T145502_20190321T145844_C001  CS_OFFL_SIR_		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190321T114632_20190321T114739_C001  Ice Backscatter Averaging Status  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The 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 Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.  The Ice Backscatter Averaging Status Flag have been set for one or more records.			
CS_OFFL_SIR_NOPM_2_20190321T114744_20190321T115152_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  CS_OFFL_SIR_NOPM_2_20190321T120842_20190321T121210_C001  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190321T124556_20190321T131927_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001  CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T14455_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T14455_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T14455_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T14455_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T14455_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T145505_C001  CS_OFFL_SIR_NOPM_2_20190321T14455_2019			
CS_OFFL_SIR_NOPM_2_20190321T115328_20190321T120C001  CS_OFFL_SIR_NOPM_2_20190321T120842_20190321T121210_C001  CS_OFFL_SIR_NOPM_2_20190321T124556_20190321T131927_C001  CS_OFFL_SIR_NOPM_2_20190321T13243_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T13026_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T13026_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T13290_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T140022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T145845_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS			
CS_OFFL_SIR_NOPM_2_20190321T120842_20190321T121210_C001  CS_OFFL_SIR_NOPM_2_20190321T120842_20190321T121210_C001  CS_OFFL_SIR_NOPM_2_20190321T124556_20190321T131927_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001  CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T145002_20190321T145645_C001  CS_OFFL_SIR_NOPM_2_20190321T1455035_C001  CS_OFFL_SIR_NOPM_2_20190321T1455_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T155055_C001  CS_OFFL_SIR_N		* *	records.
CS_OFFL_SIR_NOPM_2_20190321T120842_20190321T131927_C001  Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001  CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T145002_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150032_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190		Backscatter Averaging Status	more records.
Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001  CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T133026_C001  CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T1455_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_201903		Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001  CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T145002_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001	CS_OFFL_SIR_NOPM_2_20190321T124556_20190321T131927_C001	0 0	more records.
CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001	CS_OFFL_SIR_NOPM_2_20190321T132143_20190321T132637_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  Leg Backscatter 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.	CS_OFFL_SIR_NOPM_2_20190321T132657_20190321T133026_C001		records.
CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T145844_C001  Backscatter Averaging Status more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  ICS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  ICS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  ICS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001  ICS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001	CS_OFFL_SIR_NOPM_2_20190321T133737_20190321T140853_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status  CS_OFFL_SIR_NOPM_2_20190321114954_C001  Backscatter Averaging Status  more records.  The Ice Backscatter Averaging Status Flag has been set for one or more	CS_OFFL_SIR_NOPM_2_20190321T142900_20190321T143616_C001		
	CS_OFFL_SIR_NOPM_2_20190321T144155_20190321T145844_C001		
	CS_OFFL_SIR_NOPM_2_20190321T150022_20190321T150535_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T150611_20190321T150745_C001	CS_OFFL_SIR_NOPM_2_20190321T150611_20190321T150745_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_NOPM_2_20190321T151538_20190321T152914_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_20190321T151538_20190321T152914_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190321T153128_20190321T154303_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Backscatter Averaging Status more records.	CS_OFFL_SIR_NOPM_2_20190321T153128_20190321T154303_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190321T161056_20190321T162118_C001  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_NOPM_2_20190321T161056_20190321T162118_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190321T162258_20190321T163752_C001  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR NOPM 2 20190321T163945 20190321T164446 C001  Lice Backscatter Averaging Status  The Ice Backscatter Averaging Status Flag has been set for one or more			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NORM_2_20190321T164510_20190321T164520_C001			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NORM_2_20100321T165757_20100321T170628_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NORM_2_20190321T171018_20190321T171505_C001  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status one records.  CS_OFFL_SIR_NOPM_2_20190321T175356_20190321T181703_C001  Backscatter Averaging Status one records.  SWH Averaging Status, Ocean one or one of the status of			
Backscatter Averaging Status more records.		Backscatter Averaging Status	more records.

CS_OFFL_SIR_NOPM_2_20190321T182018_20190321T182402_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T182424_20190321T182715_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T183001_20190321T185859_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_20190321T193043_20190321T195626_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_20190321T195800_20190321T200316_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T200323_20190321T200649_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T200918_20190321T202117_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_20190321T202654_20190321T204324_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_20190321T210609_20190321T212529_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_20190321T212950_20190321T213624_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_20190321T213800_20190321T214351_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T214840_20190321T222248_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_20190321T225840_20190321T231553_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_20190321T231730_20190321T232242_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190321T232802_20190321T235053_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_20190321T235338_20190322T000256_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_NOPN_2_20190321T100414_20190321T100736_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190321T082239_20190321T082425_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_NOPR_2_20190321T140854_20190321T140915_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_NOPR_2_20190321T155341_20190321T155536_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_NOPR_2_20190321T162118_20190321T162257_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:

53