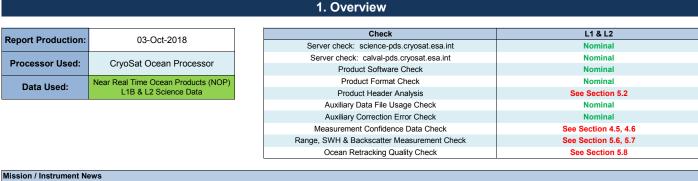


# IDEAS+ Daily Report for NOP data:

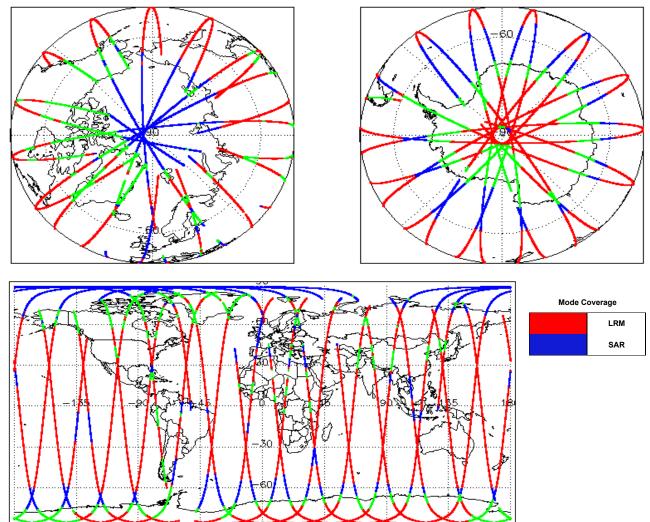
## 29/09/2018



### 28-Sep-2018 None 29-Sep-2018 None

30-Sep-2018 Nothing planned

2. Global Coverage



## 3. Instrument Configuration

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

SIRAL - A

0

SIRAL instrument(s) in use:

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:

### 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.

 Number of products with errors:
 0

4.2 L4B Auvilant Data File Llagge Check		
4.3 L1B Auxilary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with	spect to a pre-determined baseline and also to che	ck the validity of Auxiliary Data Files is correct.
Number of products with errors: 0		
4.4 L1B Auxiliary Correction Error Check		
CryoSat L1B data includes a correction error flag for each mea	urement record. The bit value of this flag indicates a	ny problems when set.
Number of products with errors: 0		
4.5 L1B Measurement Confidence Data Ch	ck	
CryoSat L1B data includes a measurement confidence flag for	ach measurement record. The bit value of this flag i	ndicates any problems when set.
Attitude Correction Missing: This flag is currently set in error	or 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: 0		
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag for each meas	rement record. The bit value of this flag indicates a	ny problems when set.
Loss of Echo Flag: This flag is currently set for products over	ind, but this is to be expected.	
Number of products with errors: 17		
Product	Test Failed	Description

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20180929T000134_20180929T001849_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20180929T014207_20180929T014513_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20180929T111829_20180929T114621_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T002135_20180929T002351_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T012431_20180929T012923_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T043653_20180929T043815_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T102255_20180929T102640_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T124124_20180929T124734_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T152028_20180929T152513_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T175241_20180929T175403_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T183345_20180929T183424_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T214935_20180929T215141_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180929T233158_20180929T233302_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180929T085619_20180929T085647_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180929T151612_20180929T152028_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180929T182814_20180929T182846_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180929T215355_20180929T220141_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: 0

#### 5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

#### 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

### 5.6 L2 Range Measurement Check

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

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

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

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

Product CS\_OFFL\_SIR\_NOPM\_2\_20180929T000134\_20180929T001849\_C001 CS OFFL SIR NOPM 2 20180929T001918 20180929T002108 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T004101\_20180929T005123\_C001 CS OFFL SIR NOPM 2 20180929T005303 20180929T010636 C001 CS OFFL SIR NOPM 2 20180929T010949 20180929T011451 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T011528\_20180929T011629\_C001 CS OFFL SIR NOPM 2 20180929T012323 20180929T012431 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T012923\_20180929T013553\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T014207\_20180929T014513\_C001 CS OFFL SIR NOPM 2 20180929T014756 20180929T015345 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T015507\_20180929T015713\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T022442\_20180929T024502\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T025017\_20180929T025407\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T025429\_20180929T025704\_C001 CS OFFL SIR NOPM 2 20180929T030138 20180929T032906 C001 CS OFFL SIR NOPM 2 20180929T040106 20180929T042428 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T042800\_20180929T043321\_C001 CS OFFL SIR NOPM 2 20180929T044043 20180929T045122 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T045700\_20180929T051313\_C001 CS OFFL SIR NOPM 2 20180929T052640 20180929T052753 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T053709\_20180929T055625\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T055952\_20180929T060349\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T060801\_20180929T061558\_C001 CS OFFL SIR NOPM 2 20180929T062142 20180929T065312 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T070521\_20180929T070735\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T072829\_20180929T074159\_C001 CS OFFL SIR NOPM 2 20180929T074733 20180929T075247 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T080009\_20180929T082101\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T082346\_20180929T083514\_C001 CS OFFL SIR NOPM 2 20180929T090350 20180929T090954 C001 CS OFFL SIR NOPM 2 20180929T091142 20180929T092137 C001 CS OFFL SIR NOPM 2 20180929T093917 20180929T101512 C001 CS OFFL SIR NOPM 2 20180929T102743 20180929T105924 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T111300\_20180929T111600\_C001 CS OFFL SIR NOPM 2 20180929T111829 20180929T114621 C001 CS OFFL SIR NOPM 2 20180929T120255 20180929T120533 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T120758\_20180929T122403\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T124026\_20180929T124124\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T124734\_20180929T125013\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T125032\_20180929T125500\_C001 CS OFFL SIR NOPM 2 20180929T125800 20180929T131147 C001 CS OFFL SIR NOPM 2 20180929T131327 20180929T131610 C001 CS OFFL SIR NOPM 2 20180929T134641 20180929T134856 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T135852\_20180929T142134\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T142525\_20180929T143409\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T143746\_20180929T150120\_C001 CS OFFL SIR NOPM 2 20180929T153329 20180929T160101 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T160741\_20180929T161202\_C001 CS OFFL SIR NOPM 2 20180929T161705 20180929T164307 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T170854\_20180929T172357\_C001 CS OFFL SIR NOPM 2 20180929T172930 20180929T173848 C001

Test Failed Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status

Description 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 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 ecords The Ice Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more 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 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 ecords 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 records The Ice Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more 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 records 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 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 records The Ocean Range Averaging Status Flag has been set for one or more ecords The Ocean Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more records The Ocean Range Averaging Status Flag has been set for one or more ecords 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 records 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 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 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 ecords The Ocean Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more 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 ecords The Ice Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more records The Ocean Range Averaging Status Flag has been set for one or more ecords 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 records The Ocean Range Averaging Status Flag has been set for one or more records The Ice Range Averaging Status Flag has been set for one or more 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 records. 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 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 records

CS_OFFL_SIR_NOPM_2_20180929T174654_20180929T175241_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T175603_20180929T180025_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T180334_20180929T181108_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T183150_20180929T183345_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T184531_20180929T191831_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T192559_20180929T193112_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T193723_20180929T195218_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T200832_20180929T201007_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T201045_20180929T201234_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T202248_20180929T203408_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T203654_20180929T205751_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T210422_20180929T210559_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T210606_20180929T211016_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T211528_20180929T213429_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T213514_20180929T213944_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T214852_20180929T214926_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T220537_20180929T222137_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T222139_20180929T223703_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T223933_20180929T224457_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T224504_20180929T224510_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T225602_20180929T230831_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T230926_20180929T232628_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T234806_20180929T235928_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180929T211017_20180929T211132_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20180929T005124_20180929T005303_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20180929T142134_20180929T142345_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. 82

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180929T000134_20180929T001849_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_20180929T001918_20180929T002108_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_20180929T004101_20180929T005123_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_20180929T005303_20180929T010636_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_20180929T010949_20180929T011451_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T011528_20180929T011629_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T012923_20180929T013553_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_20180929T014207_20180929T014513_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_20180929T014756_20180929T015345_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_20180929T015507_20180929T015713_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_20180929T022442_20180929T024502_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_20180929T025017_20180929T025407_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T025429_20180929T025704_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T030138_20180929T032906_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_20180929T040106_20180929T042428_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_20180929T042800_20180929T043321_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T044043_20180929T045122_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\_20180929T045700\_20180929T051313\_C001 CS OFFL SIR NOPM 2 20180929T052640 20180929T052753 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T052823\_20180929T053338\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T053709\_20180929T055625\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T055952\_20180929T060349\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T060801\_20180929T061558\_C001 CS OFFL SIR NOPM 2 20180929T062142 20180929T065312 C001 CS OFFL SIR NOPM 2 20180929T070521 20180929T070735 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T072829\_20180929T074159\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T074733\_20180929T075247\_C001 CS OFFL SIR NOPM 2 20180929T080009 20180929T082101 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T082346\_20180929T083514\_C001 CS OFFL SIR NOPM 2 20180929T084433 20180929T084835 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T090350\_20180929T090954\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T091142\_20180929T092137\_C001 CS OFFL SIR NOPM 2 20180929T092912 20180929T093148 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T093917\_20180929T101512\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T102743\_20180929T105924\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T111300\_20180929T111600\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T111829\_20180929T114621\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T120255\_20180929T120533\_C001 CS OFFL SIR NOPM 2 20180929T120758 20180929T122403 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T124026\_20180929T124124\_C001 CS OFFL SIR NOPM 2 20180929T124734 20180929T125013 C001 CS OFFL SIR NOPM 2 20180929T125032 20180929T125500 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T125800\_20180929T131147\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T131327\_20180929T131610\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T134329\_20180929T134413\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T135852\_20180929T142134\_C001 CS OFFL SIR NOPM 2 20180929T142525 20180929T143409 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T143746\_20180929T150120\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T153329\_20180929T160101\_C001 CS OFFL SIR NOPM 2 20180929T160741 20180929T161202 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T161705\_20180929T164307\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T170854\_20180929T172357\_C001 CS OFFL SIR NOPM 2 20180929T172930 20180929T173848 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T174654\_20180929T175241\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T183150\_20180929T183345\_C001 CS OFFL SIR NOPM 2 20180929T184531 20180929T191831 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T192559\_20180929T193112\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T193723\_20180929T195218\_C001 CS OFFL SIR NOPM 2 20180929T200832 20180929T201007 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T201045\_20180929T201234\_C001 CS OFFL SIR NOPM 2 20180929T202138 20180929T202205 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T202248\_20180929T203408\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T203654\_20180929T205751\_C001 CS OFFL SIR NOPM 2 20180929T210422 20180929T210559 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T210606\_20180929T211016\_C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T211528\_20180929T213429\_C001 CS OFFL SIR NOPM 2 20180929T213514 20180929T213944 C001 CS\_OFFL\_SIR\_NOPM\_2\_20180929T214852\_20180929T214926\_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status

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Ice Backscatter Averaging Status

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The SWH and Ocean Averaging Status 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_20180929T220142_20180929T220535_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_20180929T220537_20180929T222137_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_20180929T222139_20180929T223703_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_20180929T223933_20180929T224457_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T224504_20180929T224510_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180929T225602_20180929T230831_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_20180929T230926_20180929T232628_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_20180929T234806_20180929T235928_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_20180929T211017_20180929T211132_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. 59

Number of products with errors: