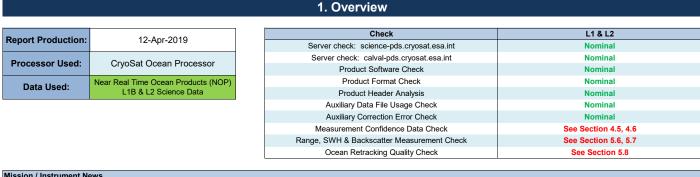
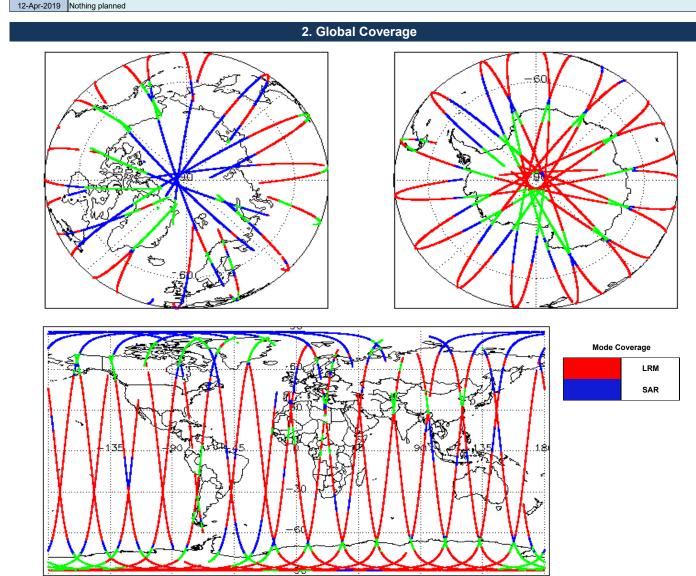


IDEAS+ Daily Report for NOP data:

<u>11/04/2019</u>



mission / mistrument news			
10-Apr-2019	None		
11-Apr-2019	None		
10.1.0010			



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

4.3 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:

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:	0		

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:

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.

16

Number of products with errors:

-				
D	r	2	Ы	 ct

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190411T022318_20190411T023844_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190411T033520_20190411T034249_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190411T141615_20190411T142843_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T003718_20190411T004253_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T030714_20190411T030822_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T030923_20190411T031035_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T044629_20190411T045223_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T093540_20190411T093644_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T111824_20190411T112015_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T135239_20190411T135435_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190411T192734_20190411T193225_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190411T075538_20190411T075739_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190411T125919_20190411T130636_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190411T130850_20190411T131348_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190411T142843_20190411T143310_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190411T230405_20190411T230751_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:

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. 76

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190411T000254_20190411T000730_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190411T000810_20190411T002548_C001 CS OFFL SIR NOPM 2 20190411T003522 20190411T003717 C001 CS_OFFL_SIR_NOPM_2_20190411T004424_20190411T010137_C001 CS_OFFL_SIR_NOPM_2_20190411T010618_20190411T011336_C001 CS_OFFL_SIR_NOPM_2_20190411T013332_20190411T015056_C001 CS_OFFL_SIR_NOPM_2_20190411T015236_20190411T020644_C001 CS OFFL SIR NOPM 2 20190411T021424 20190411T021627 C001 CS OFFL SIR NOPM 2 20190411T021728 20190411T022129 C001 CS_OFFL_SIR_NOPM_2_20190411T022318_20190411T023844_C001 CS_OFFL_SIR_NOPM_2_20190411T024045_20190411T024714_C001 CS_OFFL_SIR_NOPM_2_20190411T024717_20190411T025008_C001 CS_OFFL_SIR_NOPM_2_20190411T030822_20190411T030923_C001 CS_OFFL_SIR_NOPM_2_20190411T031759_20190411T032915_C001 CS_OFFL_SIR_NOPM_2_20190411T033520_20190411T034249_C001 CS_OFFL_SIR_NOPM_2_20190411T034446_20190411T034923_C001 CS OFFL SIR NOPM 2 20190411T035226 20190411T040031 C001 CS_OFFL_SIR_NOPM_2_20190411T040249_20190411T041804_C001 CS_OFFL_SIR_NOPM_2_20190411T045443_20190411T052833_C001 CS_OFFL_SIR_NOPM_2_20190411T053346_20190411T053913_C001 CS_OFFL_SIR_NOPM_2_20190411T054158_20190411T060700_C001 CS_OFFL_SIR_NOPM_2_20190411T064026_20190411T065016_C001 CS OFFL SIR NOPM 2 20190411T065554 20190411T070701 C001 CS_OFFL_SIR_NOPM_2_20190411T071315_20190411T071802_C001 CS OFFL SIR NOPM 2 20190411T072037 20190411T074830 C001 CS OFFL SIR NOPM 2 20190411T081244 20190411T084612 C001 CS OFFL SIR NOPM 2 20190411T085224 20190411T085753 C001 CS_OFFL_SIR_NOPM_2_20190411T085935_20190411T090541_C001 CS_OFFL_SIR_NOPM_2_20190411T093644_20190411T093848_C001 CS_OFFL_SIR_NOPM_2_20190411T095150_20190411T102533_C001 CS OFFL SIR NOPM 2 20190411T103125 20190411T103639 C001 CS_OFFL_SIR_NOPM_2_20190411T103845_20190411T105818_C001 CS_OFFL_SIR_NOPM_2_20190411T113011_20190411T120348_C001 CS OFFL SIR NOPM 2 20190411T121144 20190411T121538 C001 CS_OFFL_SIR_NOPM_2_20190411T121824_20190411T125356_C001 CS_OFFL_SIR_NOPM_2_20190411T131348_20190411T132105_C001 CS_OFFL_SIR_NOPM_2_20190411T132547_20190411T134317_C001 CS_OFFL_SIR_NOPM_2_20190411T134507_20190411T135024_C001 CS OFFL SIR NOPM 2 20190411T140054 20190411T141401 C001 CS OFFL SIR NOPM 2 20190411T141615 20190411T142842 C001 CS_OFFL_SIR_NOPM_2_20190411T145541_20190411T150606_C001 CS_OFFL_SIR_NOPM_2_20190411T150746_20190411T152218_C001 CS OFFL SIR NOPM 2 20190411T152433 20190411T152935 C001 CS_OFFL_SIR_NOPM_2_20190411T153806_20190411T153904_C001 CS_OFFL_SIR_NOPM_2_20190411T154529_20190411T155012_C001 CS_OFFL_SIR_NOPM_2_20190411T155637_20190411T155954_C001 CS_OFFL_SIR_NOPM_2_20190411T160116_20190411T160827_C001 CS OFFL SIR NOPM 2 20190411T164007 20190411T170124 C001 CS_OFFL_SIR_NOPM_2_20190411T170451_20190411T170851_C001 CS_OFFL_SIR_NOPM_2_20190411T171510_20190411T173853_C001 CS OFFL SIR NOPM 2 20190411T181546 20190411T184114 C001 CS_OFFL_SIR_NOPM_2_20190411T184240_20190411T184805_C001

Ocean 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 Ice 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 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 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 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 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 Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status

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

CS_OFFL_SIR_NOPM_2_20190411T185442_20190411T190605_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T191142_20190411T192734_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T195202_20190411T201157_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T201432_20190411T202050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T202241_20190411T203043_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T203356_20190411T210757_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T212120_20190411T212219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T214256_20190411T215054_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T215101_20190411T220007_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T220216_20190411T220731_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T221328_20190411T223542_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T223828_20190411T224753_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T225933_20190411T230405_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T231840_20190411T232438_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T232625_20190411T233858_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T235314_20190412T002617_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190411T052920_20190411T053107_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190411T194156_20190411T194200_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190411T220731_20190411T221036_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190410T235237_20190411T000254_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190411T004253_20190411T004424_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190411T020644_20190411T021137_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190411T030034_20190411T030409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190411T070701_20190411T070846_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. 72

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190411T000254_20190411T000730_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_20190411T000810_20190411T002548_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_20190411T003522_20190411T003717_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T004424_20190411T010137_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_20190411T010618_20190411T011336_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_20190411T013332_20190411T015056_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_20190411T015236_20190411T020644_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_20190411T021424_20190411T021627_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T021728_20190411T022129_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T022318_20190411T023844_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_20190411T024045_20190411T024714_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_20190411T024717_20190411T025008_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_20190411T031759_20190411T032915_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_20190411T033520_20190411T034249_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_20190411T034446_20190411T034923_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_20190411T035226_20190411T040031_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190411T040249_20190411T041804_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_20190411T045443_20190411T052833_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_20190411T053346_20190411T053913_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190411T054158_20190411T060700_C001 CS OFFL SIR NOPM 2 20190411T064026 20190411T065016 C001 CS_OFFL_SIR_NOPM_2_20190411T065554_20190411T070701_C001 CS_OFFL_SIR_NOPM_2_20190411T071315_20190411T071802_C001 CS_OFFL_SIR_NOPM_2_20190411T072037_20190411T074830_C001 CS_OFFL_SIR_NOPM_2_20190411T081244_20190411T084612_C001 CS OFFL SIR NOPM 2 20190411T085224 20190411T085753 C001 CS OFFL SIR NOPM 2 20190411T085935 20190411T090541 C001 CS_OFFL_SIR_NOPM_2_20190411T093644_20190411T093848_C001 CS_OFFL_SIR_NOPM_2_20190411T095150_20190411T102533_C001 CS_OFFL_SIR_NOPM_2_20190411T103125_20190411T103639_C001 CS_OFFL_SIR_NOPM_2_20190411T103845_20190411T105818_C001 CS_OFFL_SIR_NOPM_2_20190411T113011_20190411T120348_C001 CS_OFFL_SIR_NOPM_2_20190411T121144_20190411T121538_C001 CS_OFFL_SIR_NOPM_2_20190411T121824_20190411T125356_C001 CS OFFL SIR NOPM 2 20190411T131348 20190411T132105 C001 CS_OFFL_SIR_NOPM_2_20190411T132547_20190411T134317_C001 CS_OFFL_SIR_NOPM_2_20190411T134507_20190411T135024_C001 CS_OFFL_SIR_NOPM_2_20190411T141615_20190411T142842_C001 CS_OFFL_SIR_NOPM_2_20190411T145541_20190411T150606_C001 CS_OFFL_SIR_NOPM_2_20190411T150746_20190411T152218_C001 CS OFFL SIR NOPM 2 20190411T152433 20190411T152935 C001 CS_OFFL_SIR_NOPM_2_20190411T154529_20190411T155012_C001 CS OFFL SIR NOPM 2 20190411T160116 20190411T160827 C001 CS OFFL SIR NOPM 2 20190411T164007 20190411T170124 C001 CS_OFFL_SIR_NOPM_2_20190411T170451_20190411T170851_C001 CS_OFFL_SIR_NOPM_2_20190411T171510_20190411T173853_C001 CS_OFFL_SIR_NOPM_2_20190411T181546_20190411T184114_C001 CS_OFFL_SIR_NOPM_2_20190411T184240_20190411T184805_C001 CS OFFL SIR NOPM 2 20190411T185442 20190411T190605 C001 CS_OFFL_SIR_NOPM_2_20190411T191142_20190411T192734_C001 CS_OFFL_SIR_NOPM_2_20190411T195202_20190411T201157_C001 CS OFFL SIR NOPM 2 20190411T201432 20190411T202050 C001 CS_OFFL_SIR_NOPM_2_20190411T202241_20190411T203043_C001 CS_OFFL_SIR_NOPM_2_20190411T203356_20190411T210757_C001 CS_OFFL_SIR_NOPM_2_20190411T212120_20190411T212219_C001 CS_OFFL_SIR_NOPM_2_20190411T214256_20190411T215054_C001 CS OFFL SIR NOPM 2 20190411T215101 20190411T220007 C001 CS OFFL SIR NOPM 2 20190411T220216 20190411T220731 C001 CS_OFFL_SIR_NOPM_2_20190411T221328_20190411T223542_C001 CS_OFFL_SIR_NOPM_2_20190411T223828_20190411T224753_C001 CS OFFL SIR NOPM 2 20190411T225933 20190411T230405 C001 CS_OFFL_SIR_NOPM_2_20190411T231840_20190411T232438_C001 CS_OFFL_SIR_NOPM_2_20190411T232625_20190411T233858_C001 CS_OFFL_SIR_NOPM_2_20190411T235314_20190412T002617_C001 CS_OFFL_SIR_NOPN_2_20190411T052920_20190411T053107_C001 CS OFFL SIR NOPN 2 20190411T194156 20190411T194200 C001 CS_OFFL_SIR_NOPN_2_20190411T220731_20190411T221036_C001 CS_OFFL_SIR_NOPR_2_20190410T235237_20190411T000254_C001 CS OFFL SIR NOPR 2 20190411T004253 20190411T004424 C001 CS_OFFL_SIR_NOPR_2_20190411T020644_20190411T021137_C001

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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.

55

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: