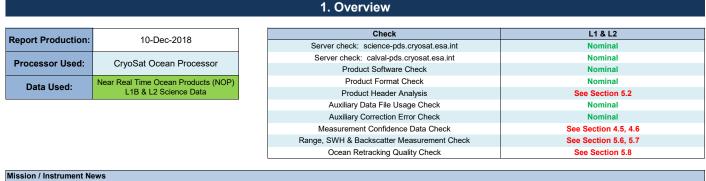
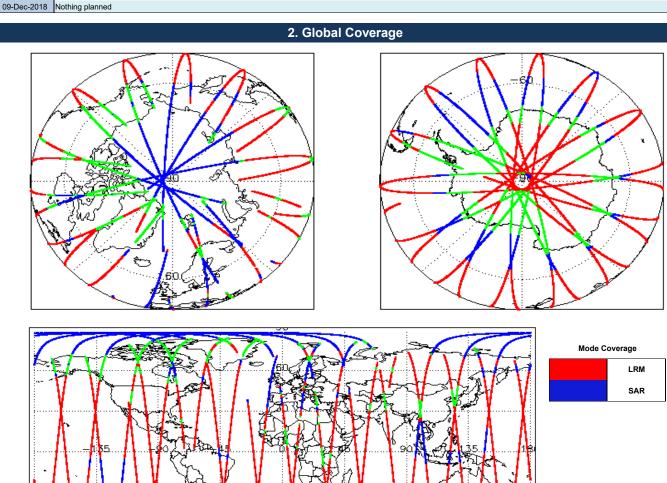


IDEAS+ Daily Report for NOP data:

<u>08/12/2018</u>



07-Dec-2018 None 08-Dec-2018 None



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 Descripto	rs 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

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

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.

15

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20181208T171937_20181208T175331_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20181208T204518_20181208T205450_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20181208T044125_20181208T044251_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20181208T062703_20181208T063226_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20181208T071756_20181208T072123_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20181208T085933_20181208T090156_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20181208T103613_20181208T103837_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20181208T151645_20181208T151846_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20181208T025933_20181208T030209_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20181208T043803_20181208T044125_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20181208T045107_20181208T045423_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20181208T063226_20181208T063411_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20181208T154122_20181208T154125_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20181208T170944_20181208T171937_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20181208T215932_20181208T220252_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). 0

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. 71

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20181207T235605_20181208T002427_C001		The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T005524_20181208T012058_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T012327_20181208T012834_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20181208T012841_20181208T013208_C001 CS OFFL SIR NOPM 2 20181208T013626 20181208T014638 C001 CS_OFFL_SIR_NOPM_2_20181208T015216_20181208T020926_C001 CS_OFFL_SIR_NOPM_2_20181208T023224_20181208T023814_C001 CS_OFFL_SIR_NOPM_2_20181208T025516_20181208T025932_C001 CS_OFFL_SIR_NOPM_2_20181208T030326_20181208T030906_C001 CS OFFL SIR NOPM 2 20181208T031543 20181208T034827 C001 CS OFFL SIR NOPM 2 20181208T040158 20181208T040257 C001 CS_OFFL_SIR_NOPM_2_20181208T042137_20181208T043803_C001 CS_OFFL_SIR_NOPM_2_20181208T044251_20181208T044800_C001 CS OFFL SIR NOPM 2 20181208T045423 20181208T052823 C001 CS_OFFL_SIR_NOPM_2_20181208T055235_20181208T055709_C001 CS OFFL SIR NOPM 2 20181208T055752 20181208T061527 C001 CS_OFFL_SIR_NOPM_2_20181208T063411_20181208T070637_C001 CS_OFFL_SIR_NOPM_2_20181208T072257_20181208T074125_C001 CS OFFL SIR NOPM 2 20181208T074217 20181208T075544 C001 CS_OFFL_SIR_NOPM_2_20181208T080733_20181208T081113_C001 CS_OFFL_SIR_NOPM_2_20181208T081314_20181208T082832_C001 CS_OFFL_SIR_NOPM_2_20181208T083034_20181208T083955_C001 CS_OFFL_SIR_NOPM_2_20181208T090156_20181208T090447_C001 CS_OFFL_SIR_NOPM_2_20181208T090546_20181208T091917_C001 CS OFFL SIR NOPM 2 20181208T093526 20181208T093641 C001 CS_OFFL_SIR_NOPM_2_20181208T094230_20181208T095015_C001 CS OFFL SIR NOPM 2 20181208T095255 20181208T100736 C001 CS OFFL SIR NOPM 2 20181208T104534 20181208T111744 C001 CS OFFL SIR NOPM 2 20181208T112048 20181208T112303 C001 CS_OFFL_SIR_NOPM_2_20181208T112312_20181208T112909_C001 CS_OFFL_SIR_NOPM_2_20181208T113232_20181208T115728_C001 CS_OFFL_SIR_NOPM_2_20181208T122837_20181208T123957_C001 CS OFFL SIR NOPM 2 20181208T124533 20181208T125557 C001 CS_OFFL_SIR_NOPM_2_20181208T130259_20181208T130717_C001 CS_OFFL_SIR_NOPM_2_20181208T131112_20181208T134014_C001 CS OFFL SIR NOPM_2_20181208T134707_20181208T134853_C001 CS_OFFL_SIR_NOPM_2_20181208T140307_20181208T141910_C001 CS_OFFL_SIR_NOPM_2_20181208T142046_20181208T143500_C001 CS OFFL SIR NOPM 2 20181208T144209 20181208T144748 C001 CS_OFFL_SIR_NOPM_2_20181208T145050_20181208T145531_C001 CS OFFL SIR NOPM 2 20181208T151449 20181208T151606 C001 CS OFFL SIR NOPM 2 20181208T152646 20181208T152822 C001 CS_OFFL_SIR_NOPM_2_20181208T154125_20181208T161446_C001 CS_OFFL_SIR_NOPM_2_20181208T162113_20181208T162625_C001 CS OFFL SIR NOPM 2 20181208T163101 20181208T164803 C001 CS_OFFL_SIR_NOPM_2_20181208T170601_20181208T170606_C001 CS_OFFL_SIR_NOPM_2_20181208T171937_20181208T175331_C001 CS_OFFL_SIR_NOPM_2_20181208T180119_20181208T180530_C001 CS_OFFL_SIR_NOPM_2_20181208T181012_20181208T183558_C001 CS OFFL SIR NOPM 2 20181208T184607 20181208T184749 C001 CS_OFFL_SIR_NOPM_2_20181208T185929_20181208T191048_C001 CS_OFFL_SIR_NOPM_2_20181208T191722_20181208T193248_C001 CS OFFL SIR NOPM 2 20181208T193452 20181208T194011 C001 CS_OFFL_SIR_NOPM_2_20181208T195124_20181208T200344_C001

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 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 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 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 Ice Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ice Range Averaging Status Ocean 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 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 Ice 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 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 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 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 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 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 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 record The Ice 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 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 Ice 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 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.

CS_OFFL_SIR_NOPM_2_20181208T200549_20181208T202313_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T204518_20181208T205450_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T205652_20181208T211143_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T211417_20181208T211911_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T212714_20181208T212934_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T214639_20181208T215013_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T215057_20181208T215758_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T223451_20181208T225057_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T225401_20181208T225838_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T230511_20181208T233929_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20181208T071128_20181208T071223_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20181208T085933_20181208T090156_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20181208T112909_20181208T113122_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20181208T204120_20181208T204518_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20181208T043803_20181208T044125_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20181208T071033_20181208T071128_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20181208T230345_20181208T230511_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.

71

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20181207T235605_20181208T002427_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_20181208T005524_20181208T012058_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_20181208T012327_20181208T012834_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T012841_20181208T013208_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T013626_20181208T014638_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_20181208T015216_20181208T020926_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_20181208T023224_20181208T023814_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_20181208T025516_20181208T025932_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_20181208T030326_20181208T030906_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T031543_20181208T034827_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_20181208T042137_20181208T043803_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_20181208T044251_20181208T044800_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T045423_20181208T052823_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_20181208T055752_20181208T061527_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_20181208T063411_20181208T070637_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_20181208T072257_20181208T074125_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_20181208T074217_20181208T075544_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_20181208T080733_20181208T081113_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T081314_20181208T082832_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_20181208T083034_20181208T083955_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_20181208T090156_20181208T090447_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_20181208T090546_20181208T091917_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_20181208T093526_20181208T093641_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_20181208T094230_20181208T095015_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20181208T095255_20181208T100736_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_20181208T104534_20181208T111744_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_20181208T112048_20181208T112303_C001 CS_OFFL_SIR_NOPM_2_20181208T112312_20181208T112909_C001 CS_OFFL_SIR_NOPM_2_20181208T113232_20181208T115728_C001 CS_OFFL_SIR_NOPM_2_20181208T122837_20181208T123957_C001 CS OFFL SIR NOPM 2 20181208T124533 20181208T125557 C001 CS_OFFL_SIR_NOPM_2_20181208T130259_20181208T130717_C001 CS OFFL SIR NOPM 2 20181208T131112 20181208T134014 C001 CS OFFL SIR NOPM 2 20181208T134707 20181208T134853 C001 CS_OFFL_SIR_NOPM_2_20181208T140307_20181208T141910_C001 CS_OFFL_SIR_NOPM_2_20181208T142046_20181208T143500_C001 CS OFFL SIR NOPM 2 20181208T144209 20181208T144748 C001 CS_OFFL_SIR_NOPM_2_20181208T145050_20181208T145531_C001 CS OFFL SIR NOPM 2 20181208T151449 20181208T151606 C001 CS_OFFL_SIR_NOPM_2_20181208T152646_20181208T152822_C001 CS_OFFL_SIR_NOPM_2_20181208T154125_20181208T161446_C001 CS OFFL SIR NOPM 2 20181208T162113 20181208T162625 C001 CS_OFFL_SIR_NOPM_2_20181208T163101_20181208T164803_C001 CS_OFFL_SIR_NOPM_2_20181208T170601_20181208T170606_C001 CS OFFL SIR NOPM 2 20181208T171937 20181208T175331 C001 CS_OFFL_SIR_NOPM_2_20181208T175855_20181208T180112_C001 CS_OFFL_SIR_NOPM_2_20181208T180119_20181208T180530_C001 CS OFFL SIR NOPM 2 20181208T181012 20181208T183558 C001 CS_OFFL_SIR_NOPM_2_20181208T184607_20181208T184749_C001 CS OFFL SIR NOPM 2 20181208T185929 20181208T191048 C001 CS OFFL SIR NOPM 2 20181208T191722 20181208T193248 C001 CS OFFL SIR NOPM 2 20181208T193452 20181208T194011 C001 CS_OFFL_SIR_NOPM_2_20181208T194030_20181208T194235_C001 CS_OFFL_SIR_NOPM_2_20181208T195124_20181208T200344_C001 CS_OFFL_SIR_NOPM_2_20181208T200549_20181208T202313_C001 CS OFFL SIR NOPM 2 20181208T204518 20181208T205450 C001 CS_OFFL_SIR_NOPM_2_20181208T205652_20181208T211143_C001 CS_OFFL_SIR_NOPM_2_20181208T211417_20181208T211911_C001 CS OFFL SIR NOPM_2_20181208T212714_20181208T212934_C001 CS_OFFL_SIR_NOPM_2_20181208T214639_20181208T215013_C001 CS_OFFL_SIR_NOPM_2_20181208T215057_20181208T215758_C001 CS OFFL SIR NOPM 2 20181208T223451 20181208T225057 C001 CS_OFFL_SIR_NOPM_2_20181208T225401_20181208T225838_C001 CS_OFFL_SIR_NOPM_2_20181208T230511_20181208T233929_C001 CS OFFL SIR NOPN 2 20181208T071128 20181208T071223 C001 CS OFFL SIR NOPN 2 20181208T085933 20181208T090156 C001 CS_OFFL_SIR_NOPN_2_20181208T112909_20181208T113122_C001 CS_OFFL_SIR_NOPN_2_20181208T204120_20181208T204518_C001 CS_OFFL_SIR_NOPR_2_20181208T043803_20181208T044125_C001 CS OFFL SIR NOPR 2 20181208T071033 20181208T071128 C001 CS_OFFL_SIR_NOPR_2_20181208T230345_20181208T230511_C001

Ice Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

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Backscatter Averaging Status

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Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status

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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

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The Ice Backscatter Averaging Status Flag has been set for one or more records.

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5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below. Number of products with errors: 56