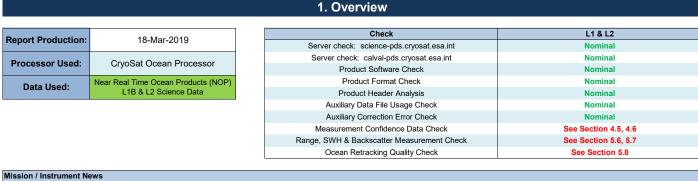
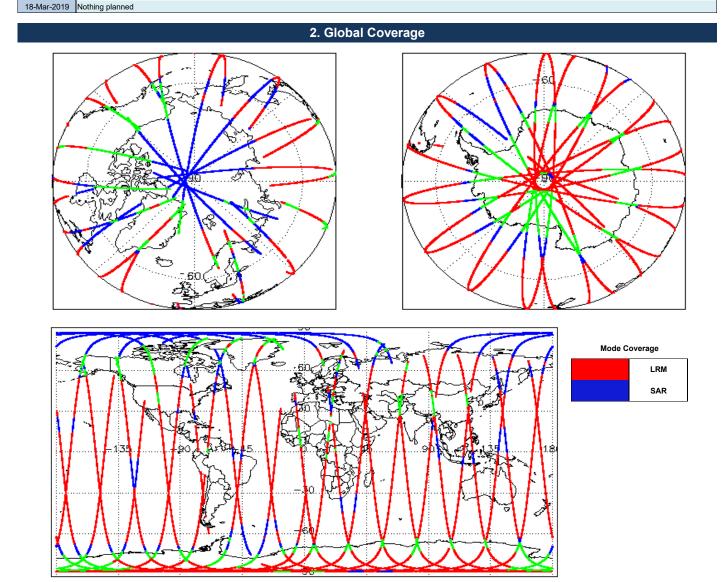


IDEAS+ Daily Report for NOP data:

<u>17/03/2019</u>



16-Mar-2019 None 17-Mar-2019 None 18-Mar-2019 Nothing planne



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.

9

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190317T034312_20190317T035848_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190317T060631_20190317T061218_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190317T083925_20190317T084048_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190317T123750_20190317T124018_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190317T201142_20190317T201304_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190317T225045_20190317T225207_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190317T005746_20190317T010000_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190317T043623_20190317T043827_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190317T142857_20190317T143402_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

CrvoSat 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. 77

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190316T235135_20190317T001119_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T001313_20190317T001818_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T002330_20190317T005746_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T012310_20190317T014553_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T020403_20190317T021243_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T021246_20190317T021906_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T021914_20190317T022141_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190317T022623_20190317T023433_C001 CS OFFL SIR NOPM 2 20190317T024928 20190317T025159 C001 CS_OFFL_SIR_NOPM_2_20190317T025341_20190317T031043_C001 CS_OFFL_SIR_NOPM_2_20190317T031239_20190317T032701_C001 CS_OFFL_SIR_NOPM_2_20190317T033728_20190317T034135_C001 CS_OFFL_SIR_NOPM_2_20190317T034312_20190317T035848_C001 CS OFFL SIR NOPM 2 20190317T040048 20190317T041010 C001 CS OFFL SIR NOPM 2 20190317T042824 20190317T042917 C001 CS_OFFL_SIR_NOPM_2_20190317T043827_20190317T044938_C001 CS_OFFL_SIR_NOPM_2_20190317T045508_20190317T050952_C001 CS_OFFL_SIR_NOPM_2_20190317T051225_20190317T052037_C001 CS_OFFL_SIR_NOPM_2_20190317T052230_20190317T053847_C001 CS_OFFL_SIR_NOPM_2_20190317T054321_20190317T054727_C001 CS_OFFL_SIR_NOPM_2_20190317T062135_20190317T064841_C001 CS_OFFL_SIR_NOPM_2_20190317T065113_20190317T065316_C001 CS OFFL SIR NOPM 2 20190317T065354 20190317T065911 C001 CS_OFFL_SIR_NOPM_2_20190317T070147_20190317T072702_C001 CS_OFFL_SIR_NOPM_2_20190317T075834_20190317T081019_C001 CS OFFL SIR NOPM 2 20190317T081558 20190317T082726 C001 CS_OFFL_SIR_NOPM_2_20190317T083320_20190317T083924_C001 CS_OFFL_SIR_NOPM_2_20190317T084048_20190317T090849_C001 CS OFFL SIR NOPM 2 20190317T091724 20190317T091859 C001 CS_OFFL_SIR_NOPM_2_20190317T093234_20190317T100701_C001 CS OFFL SIR NOPM 2 20190317T101229 20190317T101756 C001 CS OFFL SIR NOPM 2 20190317T101923 20190317T102546 C001 CS_OFFL_SIR_NOPM_2_20190317T105636_20190317T105903_C001 CS_OFFL_SIR_NOPM_2_20190317T111204_20190317T112030_C001 CS_OFFL_SIR_NOPM_2_20190317T112315_20190317T114623_C001 CS_OFFL_SIR_NOPM_2_20190317T115236_20190317T115645_C001 CS OFFL SIR NOPM 2 20190317T115822 20190317T121820 C001 CS_OFFL_SIR_NOPM_2_20190317T125037_20190317T132412_C001 CS_OFFL_SIR_NOPM_2_20190317T132654_20190317T133130_C001 CS OFFL SIR NOPM 2 20190317T133149 20190317T133536 C001 CS_OFFL_SIR_NOPM_2_20190317T133742_20190317T134031_C001 CS OFFL SIR NOPM 2 20190317T134231 20190317T141352 C001 CS OFFL SIR NOPM 2 20190317T143402 20190317T144107 C001 CS_OFFL_SIR_NOPM_2_20190317T144549_20190317T144707_C001 CS OFFL SIR NOPM 2 20190317T144710 20190317T150335 C001 CS OFFL SIR NOPM 2 20190317T150511 20190317T151028 C001 CS_OFFL_SIR_NOPM_2_20190317T151103_20190317T151241_C001 CS_OFFL_SIR_NOPM_2_20190317T152046_20190317T153406_C001 CS OFFL SIR NOPM 2 20190317T153620 20190317T154822 C001 CS_OFFL_SIR_NOPM_2_20190317T161545_20190317T162609_C001 CS_OFFL_SIR_NOPM_2_20190317T162749_20190317T164246_C001 CS_OFFL_SIR_NOPM_2_20190317T164438_20190317T164939_C001 CS_OFFL_SIR_NOPM_2_20190317T165004_20190317T165013_C001 CS OFFL SIR NOPM 2 20190317T170417 20190317T171038 C001 CS_OFFL_SIR_NOPM_2_20190317T171528_20190317T171958_C001 CS_OFFL_SIR_NOPM_2_20190317T172241_20190317T172829_C001 CS OFFL SIR NOPM 2 20190317T175934 20190317T182155 C001 CS_OFFL_SIR_NOPM_2_20190317T182505_20190317T182855_C001

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 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 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 Ocean 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 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 Ice Range Averaging Status Ocean Range Averaging Status Ocean 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 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 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 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 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 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 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 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 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 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.

CS_OFFL_SIR_NOPM_2_20190317T183453_20190317T190344_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T193550_20190317T200124_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T201400_20190317T202609_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T203147_20190317T204756_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T211145_20190317T213116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T213439_20190317T214114_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T214249_20190317T215047_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T215330_20190317T222750_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T224120_20190317T224218_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T230314_20190317T232042_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T232222_20190317T232736_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T233256_20190317T235546_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T235831_20190318T000759_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190317T014933_20190317T015252_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190317T025318_20190317T025341_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190317T073726_20190317T073950_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190317T082726_20190317T082914_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190317T111127_20190317T111204_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190317T210042_20190317T210233_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. 75

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190316T235135_20190317T001119_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_20190317T001313_20190317T001818_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T002330_20190317T005746_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_20190317T012310_20190317T014553_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_20190317T020403_20190317T021243_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_20190317T021246_20190317T021906_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_20190317T021914_20190317T022141_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_20190317T022623_20190317T023433_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_20190317T025341_20190317T031043_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_20190317T031239_20190317T032701_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_20190317T033728_20190317T034135_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T034312_20190317T035848_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_20190317T040048_20190317T041010_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_20190317T042824_20190317T042917_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T043827_20190317T044938_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_20190317T045508_20190317T050952_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_20190317T051225_20190317T052037_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T052230_20190317T053847_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_20190317T062135_20190317T064841_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_20190317T065113_20190317T065316_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T065354_20190317T065911_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190317T070147_20190317T072702_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_20190317T075834_20190317T081019_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_20190317T081558_20190317T082726_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_20190317T083320_20190317T083924_C001 CS OFFL SIR NOPM 2 20190317T084048 20190317T090849 C001 CS_OFFL_SIR_NOPM_2_20190317T091724_20190317T091859_C001 CS_OFFL_SIR_NOPM_2_20190317T093234_20190317T100701_C001 CS OFFL SIR NOPM 2 20190317T101229 20190317T101756 C001 CS_OFFL_SIR_NOPM_2_20190317T101923_20190317T102546_C001 CS OFFL SIR NOPM 2 20190317T105636 20190317T105903 C001 CS OFFL SIR NOPM 2 20190317T111204 20190317T112030 C001 CS_OFFL_SIR_NOPM_2_20190317T112315_20190317T114623_C001 CS_OFFL_SIR_NOPM_2_20190317T115236_20190317T115645_C001 CS OFFL SIR NOPM 2 20190317T115822 20190317T121820 C001 CS_OFFL_SIR_NOPM_2_20190317T125037_20190317T132412_C001 CS OFFL SIR NOPM 2 20190317T133136 20190317T133143 C001 CS_OFFL_SIR_NOPM_2_20190317T133149_20190317T133536_C001 CS_OFFL_SIR_NOPM_2_20190317T133742_20190317T134031_C001 CS OFFL SIR NOPM 2 20190317T134231 20190317T141352 C001 CS_OFFL_SIR_NOPM_2_20190317T143402_20190317T144107_C001 CS_OFFL_SIR_NOPM_2_20190317T144710_20190317T150335_C001 CS OFFL SIR NOPM 2 20190317T150511 20190317T151028 C001 CS_OFFL_SIR_NOPM_2_20190317T151103_20190317T151241_C001 CS_OFFL_SIR_NOPM_2_20190317T152046_20190317T153406_C001 CS OFFL SIR NOPM 2 20190317T153620 20190317T154822 C001 CS_OFFL_SIR_NOPM_2_20190317T161545_20190317T162609_C001 CS OFFL SIR NOPM 2 20190317T162749 20190317T164246 C001 CS OFFL SIR NOPM 2 20190317T164438 20190317T164939 C001 CS OFFL SIR NOPM 2 20190317T165004 20190317T165013 C001 CS_OFFL_SIR_NOPM_2_20190317T165812_20190317T165918_C001 CS_OFFL_SIR_NOPM_2_20190317T170417_20190317T171038_C001 CS_OFFL_SIR_NOPM_2_20190317T171528_20190317T171958_C001 CS OFFL SIR NOPM 2 20190317T172241 20190317T172829 C001 CS_OFFL_SIR_NOPM_2_20190317T175934_20190317T182155_C001 CS_OFFL_SIR_NOPM_2_20190317T182505_20190317T182855_C001 CS OFFL SIR NOPM 2 20190317T183453 20190317T190344 C001 CS_OFFL_SIR_NOPM_2_20190317T193550_20190317T200124_C001 CS_OFFL_SIR_NOPM_2_20190317T201400_20190317T202609_C001 CS OFFL SIR NOPM 2 20190317T203147 20190317T204756 C001 CS_OFFL_SIR_NOPM_2_20190317T211145_20190317T213116_C001 CS_OFFL_SIR_NOPM_2_20190317T213439_20190317T214114_C001 CS OFFL SIR NOPM 2 20190317T214249 20190317T215047 C001 CS OFFL SIR NOPM 2 20190317T215330 20190317T222750 C001 CS_OFFL_SIR_NOPM_2_20190317T224120_20190317T224218_C001 CS_OFFL_SIR_NOPM_2_20190317T230314_20190317T232042_C001 CS_OFFL_SIR_NOPM_2_20190317T232222_20190317T232736_C001 CS OFFL SIR NOPM 2 20190317T233256 20190317T235546 C001 CS_OFFL_SIR_NOPM_2_20190317T235831_20190318T000759_C001 CS_OFFL_SIR_NOPR_2_20190317T014933_20190317T015252_C001 CS OFFL SIR NOPR 2 20190317T025318 20190317T025341 C001 CS_OFFL_SIR_NOPR_2_20190317T073726_20190317T073950_C001 CS_OFFL_SIR_NOPR_2_20190317T082726_20190317T082914_C001 CS OFFL SIR NOPR 2 20190317T111127 20190317T111204 C001 CS_OFFL_SIR_NOPR_2_20190317T210042_20190317T210233_C001

Ice Backscatter Averaging Status

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Ice Backscatter Averaging Status

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Ice Backscatter Averaging Status

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Ice Backscatter Averaging Status

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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.

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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.

56

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: