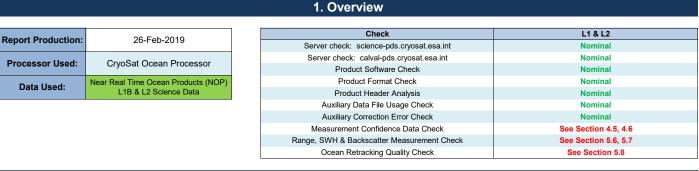
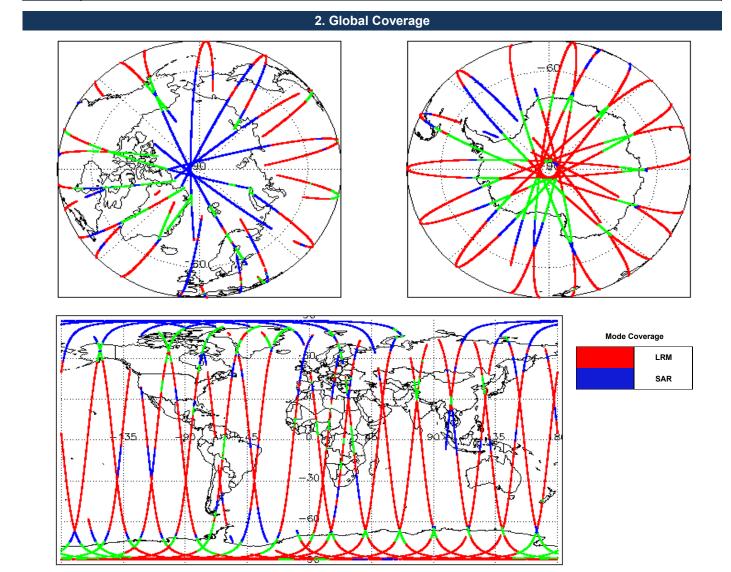


IDEAS+ Daily Report for NOP data:

25/02/2019



Mission / Instrument News24-Feb-2019None25-Feb-2019None26-Feb-2019Nothing planned



3. Instrument Configuration

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

SIRAL instrument(s) in use:

se: SIRAL - A

0

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.

10

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPN1B_20190225T022147_20190225T022704_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190225T031244_20190225T031555_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190225T040558_20190225T040729_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190225T080440_20190225T080459_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190225T112321_20190225T112416_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190225T113405_20190225T113542_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190225T130335_20190225T130418_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190225T060147_20190225T060448_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190225T130419_20190225T131448_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190225T221635_20190225T221753_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:

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. 74

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190225T001852_20190225T003607_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T003734_20190225T004245_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T004805_20190225T011058_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T011322_20190225T012308_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T015334_20190225T021512_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T021927_20190225T022147_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190225T022825_20190225T025900_C001 CS_OFFL_SIR_NOPM_2_20190225T031734_20190225T033634_C001 CS_OFFL_SIR_NOPM_2_20190225T033658_20190225T034956_C001 CS_OFFL_SIR_NOPM_2_20190225T040234_20190225T040558_C001 CS OFFL SIR NOPM 2 20190225T040729 20190225T042319 C001 CS OFFL SIR NOPM 2 20190225T042522 20190225T043442 C001 CS OFFL SIR NOPM 2 20190225T050203 20190225T051359 C001 CS OFFL SIR NOPM 2 20190225T053724 20190225T054017 C001 CS_OFFL_SIR_NOPM_2_20190225T054028_20190225T054459_C001 CS OFFL SIR NOPM 2 20190225T054657 20190225T060147 C001 CS_OFFL_SIR_NOPM_2_20190225T064849_20190225T071305_C001 CS_OFFL_SIR_NOPM_2_20190225T071529_20190225T072400_C001 CS OFFL SIR NOPM 2 20190225T072608 20190225T075157 C001 CS_OFFL_SIR_NOPM_2_20190225T082417_20190225T083504_C001 CS_OFFL_SIR_NOPM_2_20190225T084011_20190225T085156_C001 CS OFFL SIR NOPM 2 20190225T085742 20190225T090159 C001 CS OFFL SIR NOPM 2 20190225T090451 20190225T093245 C001 CS_OFFL_SIR_NOPM_2_20190225T095817_20190225T101353_C001 CS_OFFL_SIR_NOPM_2_20190225T101924_20190225T103102_C001 CS_OFFL_SIR_NOPM_2_20190225T103653_20190225T104239_C001 CS_OFFL_SIR_NOPM_2_20190225T104357_20190225T105020_C001 CS OFFL SIR NOPM 2 20190225T113543 20190225T121034 C001 CS_OFFL_SIR_NOPM_2_20190225T121558_20190225T122110_C001 CS OFFL SIR NOPM 2 20190225T122251 20190225T124228 C001 CS OFFL SIR NOPM 2 20190225T131448 20190225T134301 C001 CS OFFL SIR NOPM 2 20190225T134312 20190225T134857 C001 CS_OFFL_SIR_NOPM_2_20190225T135402_20190225T135557_C001 CS_OFFL_SIR_NOPM_2_20190225T135604_20190225T140018_C001 CS_OFFL_SIR_NOPM_2_20190225T144134_20190225T144230_C001 CS OFFL SIR NOPM 2 20190225T145612 20190225T150812 C001 CS_OFFL_SIR_NOPM_2_20190225T151010_20190225T151248_C001 CS_OFFL_SIR_NOPM_2_20190225T151250_20190225T152804_C001 CS OFFL SIR NOPM 2 20190225T152934 20190225T153456 C001 CS_OFFL_SIR_NOPM_2_20190225T153515_20190225T153727_C001 CS_OFFL_SIR_NOPM_2_20190225T154605_20190225T155830_C001 CS OFFL SIR NOPM 2 20190225T160002 20190225T161226 C001 CS_OFFL_SIR_NOPM_2_20190225T161357_20190225T161657_C001 CS_OFFL_SIR_NOPM_2_20190225T163902_20190225T164928_C001 CS OFFL SIR NOPM 2 20190225T165131 20190225T170703 C001 CS OFFL SIR NOPM 2 20190225T170900 20190225T171355 C001 CS_OFFL_SIR_NOPM_2_20190225T171431_20190225T171549_C001 CS OFFL SIR NOPM 2 20190225T172205 20190225T172626 C001 CS_OFFL_SIR_NOPM_2_20190225T174017_20190225T175253_C001 CS OFFL SIR NOPM 2 20190225T184837 20190225T185323 C001 CS_OFFL_SIR_NOPM_2_20190225T185905_20190225T192627_C001 CS_OFFL_SIR_NOPM_2_20190225T195939_20190225T202601_C001 CS OFFL SIR NOPM 2 20190225T202828 20190225T203222 C001 CS_OFFL_SIR_NOPM_2_20190225T203829_20190225T205039_C001 CS_OFFL_SIR_NOPM_2_20190225T205611_20190225T210604_C001 CS OFFL SIR NOPM 2 20190225T212851 20190225T220523 C001 CS OFFL SIR NOPM 2 20190225T220650 20190225T221136 C001

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 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 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 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 Ice 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

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CS_OFFL_SIR_NOPM_2_20190225T221753_20190225T222957_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T223001_20190225T225304_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T233751_20190225T233948_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T234148_20190225T234456_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T234640_20190225T235204_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T235738_20190226T002009_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190225T111842_20190225T112004_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190225T112321_20190225T112416_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190225T140018_20190225T140126_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190225T203237_20190225T203243_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190225T221512_20190225T221635_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190225T013517_20190225T013640_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190225T063318_20190225T063353_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190225T122232_20190225T122251_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190225T153912_20190225T154227_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190225T175714_20190225T175728_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190225T231327_20190225T231347_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_20190225T001852_20190225T003607_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_20190225T003734_20190225T004245_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T004805_20190225T011058_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_20190225T011322_20190225T012308_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_20190225T015334_20190225T021512_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_20190225T021927_20190225T022147_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T022825_20190225T025900_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_20190225T031734_20190225T033634_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_20190225T033658_20190225T034956_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_20190225T040234_20190225T040558_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T040729_20190225T042319_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_20190225T042522_20190225T043442_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_20190225T050203_20190225T051359_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_20190225T053724_20190225T054017_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T054028_20190225T054459_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T054657_20190225T060147_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_20190225T064849_20190225T071305_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_20190225T071529_20190225T072400_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T072608_20190225T075157_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_20190225T082417_20190225T083504_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_20190225T084011_20190225T085156_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_20190225T085742_20190225T090159_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190225T090451_20190225T093245_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_20190225T095817_20190225T101353_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_20190225T101924_20190225T103102_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_20190225T103653_20190225T104239_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190225T104357_20190225T105020_C001 CS_OFFL_SIR_NOPM_2_20190225T113543_20190225T121034_C001 CS_OFFL_SIR_NOPM_2_20190225T122251_20190225T124228_C001 CS_OFFL_SIR_NOPM_2_20190225T131448_20190225T134301_C001 CS OFFL SIR NOPM 2 20190225T134312 20190225T134857 C001 CS_OFFL_SIR_NOPM_2_20190225T135402_20190225T135557_C001 CS OFFL SIR NOPM 2 20190225T135604 20190225T140018 C001 CS OFFL SIR NOPM 2 20190225T144134 20190225T144230 C001 CS_OFFL_SIR_NOPM_2_20190225T145612_20190225T150812_C001 CS_OFFL_SIR_NOPM_2_20190225T151010_20190225T151248_C001 CS OFFL SIR NOPM 2 20190225T151250 20190225T152804 C001 CS_OFFL_SIR_NOPM_2_20190225T152934_20190225T153456_C001 CS OFFL SIR NOPM 2 20190225T153515 20190225T153727 C001 CS_OFFL_SIR_NOPM_2_20190225T154605_20190225T155830_C001 CS_OFFL_SIR_NOPM_2_20190225T160002_20190225T161226_C001 CS OFFL SIR NOPM 2 20190225T161357 20190225T161657 C001 CS OFFL SIR NOPM 2 20190225T163902 20190225T164928 C001 CS_OFFL_SIR_NOPM_2_20190225T165131_20190225T170703_C001 CS OFFL SIR NOPM 2 20190225T170900 20190225T171355 C001 CS_OFFL_SIR_NOPM_2_20190225T172205_20190225T172626_C001 CS_OFFL_SIR_NOPM_2_20190225T174017_20190225T175253_C001 CS OFFL SIR NOPM 2 20190225T184837 20190225T185323 C001 CS_OFFL_SIR_NOPM_2_20190225T185905_20190225T192627_C001 CS OFFL SIR NOPM 2 20190225T195939 20190225T202601 C001 CS OFFL SIR NOPM 2 20190225T202828 20190225T203222 C001 CS OFFL SIR NOPM 2 20190225T203829 20190225T205039 C001 CS_OFFL_SIR_NOPM_2_20190225T205611_20190225T210604_C001 CS_OFFL_SIR_NOPM_2_20190225T212851_20190225T220523_C001 CS_OFFL_SIR_NOPM_2_20190225T220650_20190225T221136_C001 CS OFFL SIR NOPM 2 20190225T221753 20190225T222957 C001 CS_OFFL_SIR_NOPM_2_20190225T223001_20190225T225304_C001 CS_OFFL_SIR_NOPM_2_20190225T233751_20190225T233948_C001 CS OFFL SIR NOPM_2_20190225T234148_20190225T234456_C001 CS_OFFL_SIR_NOPM_2_20190225T234640_20190225T235204_C001 CS_OFFL_SIR_NOPN_2_20190225T111842_20190225T112004_C001 CS OFFL SIR NOPN 2 20190225T112321 20190225T112416 C001 CS_OFFL_SIR_NOPN_2_20190225T140018_20190225T140126_C001 CS_OFFL_SIR_NOPN_2_20190225T203237_20190225T203243_C001 CS OFFL SIR NOPN 2 20190225T221512 20190225T221635 C001 CS OFFL SIR NOPR 2 20190225T013517 20190225T013640 C001 CS_OFFL_SIR_NOPR_2_20190225T063318_20190225T063353_C001 CS OFFL SIR NOPR 2 20190225T122232 20190225T122251 C001 CS_OFFL_SIR_NOPR_2_20190225T153912_20190225T154227_C001 CS OFFL SIR NOPR 2 20190225T175714 20190225T175728 C001 CS_OFFL_SIR_NOPR_2_20190225T231327_20190225T231347_C001

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

The SWH and Ocean Averaging Status Flags have been set for one or more record The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records The Ice Backscatter Averaging Status Flag has been set for one or more records The Ice Backscatter Averaging Status Flag has been set for one or more records The Ice Backscatter Averaging Status Flag has been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records The Ice Backscatter Averaging Status Flag has been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records The Ice Backscatter Averaging Status Flag has been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records The Ice Backscatter Averaging Status Flag has been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or nore records The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.

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: 48