

IDEAS+ Daily Report for NOP data:

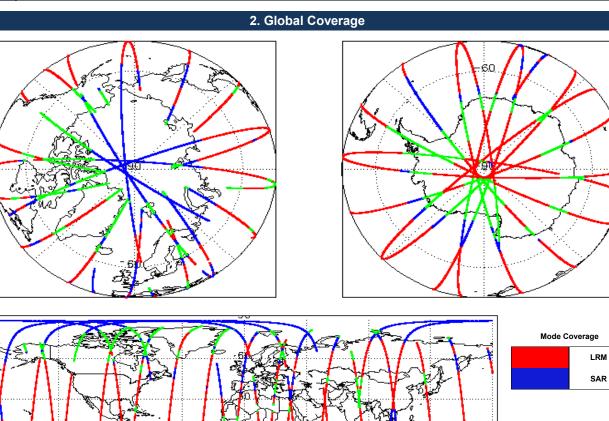
<u>13/02/2019</u>

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Mission / Instrument News 12-Feb-2019 None 13-Feb-2019 None

14-Feb-2019 SIRAL unavailability on 14-Feb-2019 from 09:11:26 to 11:00:05 due to a planned orbit manoeuvre.



3. Instrument Configuration

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

SIRAL instrument(s) in use:

t(s) in use: 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).

30

60

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

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190213T043900_20190213T045113_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190213T002029_20190213T002216_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190213T032826_20190213T033021_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190213T050611_20190213T050730_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190213T051128_20190213T051251_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190213T064545_20190213T064753_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190213T113804_20190213T113901_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190213T013752_20190213T013931_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190213T095532_20190213T100529_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190213T180923_20190213T181053_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190213T183711_20190213T184526_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190213T195500_20190213T200012_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). 0 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: 0

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.

0

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. 64

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190213T001123_20190213T001213_C001	IUcean Rande Averadind Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T003240_20190213T004046_C001		The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T004104_20190213T005034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T005208_20190213T005725_C001	Lice Rande Averading Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190213T010250_20190213T012538_C001 CS_OFFL_SIR_NOPM_2_20190213T012823_20190213T013752_C001 CS_OFFL_SIR_NOPM_2_20190213T014943_20190213T015009_C001 CS_OFFL_SIR_NOPM_2_20190213T015051_20190213T015356_C001 CS OFFL SIR NOPM 2 20190213T020854 20190213T021428 C001 CS OFFL SIR NOPM 2 20190213T021616 20190213T022940 C001 CS OFFL SIR NOPM 2 20190213T023333 20190213T023625 C001 CS OFFL SIR NOPM 2 20190213T024230 20190213T031445 C001 CS_OFFL_SIR_NOPM_2_20190213T033239_20190213T033929_C001 CS OFFL SIR NOPM 2 20190213T033942 20190213T040401 C001 CS_OFFL_SIR_NOPM_2_20190213T041337_20190213T041532_C001 CS_OFFL_SIR_NOPM_2_20190213T042203_20190213T043857_C001 CS OFFL SIR NOPM 2 20190213T043900 20190213T045113 C001 CS_OFFL_SIR_NOPM_2_20190213T050730_20190213T051128_C001 CS_OFFL_SIR_NOPM_2_20190213T051251_20190213T051502_C001 CS OFFL SIR NOPM 2 20190213T051649 20190213T052836 C001 CS OFFL SIR NOPM 2 20190213T053722 20190213T054559 C001 CS_OFFL_SIR_NOPM_2_20190213T055217_20190213T055448_C001 CS_OFFL_SIR_NOPM_2_20190213T055513_20190213T055939_C001 CS_OFFL_SIR_NOPM_2_20190213T060119_20190213T061624_C001 CS_OFFL_SIR_NOPM_2_20190213T061804_20190213T062214_C001 CS OFFL SIR NOPM 2 20190213T065452 20190213T070202 C001 CS_OFFL_SIR_NOPM_2_20190213T070325_20190213T072737_C001 CS OFFL SIR NOPM 2 20190213T072959 20190213T073853 C001 CS OFFL SIR NOPM 2 20190213T074100 20190213T080503 C001 CS OFFL SIR NOPM 2 20190213T084040 20190213T090648 C001 CS_OFFL_SIR_NOPM_2_20190213T090929_20190213T091109_C001 CS_OFFL_SIR_NOPM_2_20190213T091216_20190213T091642_C001 CS_OFFL_SIR_NOPM_2_20190213T091931_20190213T094537_C001 CS OFFL SIR NOPM 2 20190213T101348 20190213T102831 C001 CS_OFFL_SIR_NOPM_2_20190213T103406_20190213T104610_C001 CS_OFFL_SIR_NOPM_2_20190213T105130_20190213T105720_C001 CS OFFL SIR NOPM 2 20190213T105845 20190213T111707 C001 CS_OFFL_SIR_NOPM_2_20190213T113627_20190213T113710_C001 CS_OFFL_SIR_NOPM_2_20190213T114956_20190213T122500_C001 CS OFFL SIR NOPM 2 20190213T123036 20190213T123551 C001 CS_OFFL_SIR_NOPM_2_20190213T123729_20190213T124036_C001 CS_OFFL_SIR_NOPM_2_20190213T124703_20190213T125419_C001 CS OFFL SIR NOPM 2 20190213T131307 20190213T131551 C001 CS OFFL SIR NOPM 2 20190213T132954 20190213T133840 C001 CS_OFFL_SIR_NOPM_2_20190213T140908_20190213T141037_C001 CS_OFFL_SIR_NOPM_2_20190213T141044_20190213T141453_C001 CS_OFFL_SIR_NOPM_2_20190213T141703_20190213T143001_C001 CS OFFL SIR NOPM 2 20190213T143149 20190213T143906 C001 CS_OFFL_SIR_NOPM_2_20190213T144002_20190213T144407_C001 CS_OFFL_SIR_NOPM_2_20190213T184526_20190213T190031_C001 CS OFFL SIR NOPM 2 20190213T190256 20190213T190745 C001 CS_OFFL_SIR_NOPM_2_20190213T191359_20190213T193748_C001 CS_OFFL_SIR_NOPM_2_20190213T193806_20190213T194831_C001 CS OFFL SIR NOPM 2 20190213T215133 20190213T221946 C001 CS OFFL SIR NOPM 2 20190213T223258 20190213T224427 C001

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 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 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 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

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CS_OFFL_SIR_NOPM_2_20190213T225003_20190213T230751_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T235301_20190213T235423_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T235623_20190213T235931_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190213T041103_20190213T041337_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190213T073853_20190213T074054_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190213T140445_20190213T140908_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190213T231831_20190213T231855_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190213T042158_20190213T042203_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190213T074054_20190213T074100_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. 60

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190213T003240_20190213T004046_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_20190213T004104_20190213T005034_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_20190213T005208_20190213T005725_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T010250_20190213T012538_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_20190213T012823_20190213T013752_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_20190213T014943_20190213T015009_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_20190213T015051_20190213T015356_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_20190213T020854_20190213T021428_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_20190213T021616_20190213T022940_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_20190213T023333_20190213T023625_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T024230_20190213T031445_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_20190213T033239_20190213T033929_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_20190213T033942_20190213T040401_C001	SWH Averaging Status Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T041337_20190213T041532_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T041754_20190213T042024_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T042203_20190213T043857_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_20190213T043900_20190213T045113_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_20190213T050730_20190213T051128_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T051251_20190213T051502_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_20190213T051649_20190213T052836_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_20190213T053722_20190213T054559_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_20190213T055513_20190213T055939_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T060119_20190213T061624_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_20190213T065452_20190213T070202_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_20190213T070325_20190213T072737_C001	SWH Averaging Status Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T072959_20190213T073853_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T074100_20190213T080503_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_20190213T084040_20190213T090648_C001	SWH Averaging Status Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T090929_20190213T091109_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T091216_20190213T091642_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190213T091931_20190213T094537_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_20190213T101348_20190213T102831_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_20190213T103406_20190213T104610_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_20190213T105130_20190213T105720_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190213T105845_20190213T111707_C001 CS_OFFL_SIR_NOPM_2_20190213T113627_20190213T113710_C001 CS_OFFL_SIR_NOPM_2_20190213T114956_20190213T122500_C001 CS_OFFL_SIR_NOPM_2_20190213T123036_20190213T123551_C001 CS OFFL SIR NOPM 2 20190213T124236 20190213T124617 C001 CS_OFFL_SIR_NOPM_2_20190213T124703_20190213T125419_C001 CS OFFL SIR NOPM 2 20190213T131307 20190213T131551 C001 CS OFFL SIR NOPM 2 20190213T132954 20190213T133840 C001 CS_OFFL_SIR_NOPM_2_20190213T140908_20190213T141037_C001 CS OFFL SIR NOPM 2 20190213T141044 20190213T141453 C001 CS_OFFL_SIR_NOPM_2_20190213T141703_20190213T143001_C001 CS_OFFL_SIR_NOPM_2_20190213T143149_20190213T143906_C001 CS_OFFL_SIR_NOPM_2_20190213T144002_20190213T144407_C001 CS_OFFL_SIR_NOPM_2_20190213T184526_20190213T190031_C001 CS_OFFL_SIR_NOPM_2_20190213T190256_20190213T190745_C001 CS OFFL SIR NOPM 2 20190213T191359 20190213T193748 C001 CS_OFFL_SIR_NOPM_2_20190213T215133_20190213T221946_C001 CS_OFFL_SIR_NOPM_2_20190213T223258_20190213T224427_C001 CS_OFFL_SIR_NOPM_2_20190213T225003_20190213T230751_C001 CS_OFFL_SIR_NOPM_2_20190213T235301_20190213T235423_C001 CS_OFFL_SIR_NOPM_2_20190213T235623_20190213T235931_C001 CS OFFL SIR NOPN 2 20190213T041103 20190213T041337 C001 CS_OFFL_SIR_NOPN_2_20190213T073853_20190213T074054_C001 CS OFFL SIR NOPN 2 20190213T231831 20190213T231855 C001 CS OFFL SIR NOPR 2 20190213T042158 20190213T042203 C001 CS_OFFL_SIR_NOPR_2_20190213T074054_20190213T074100_C001

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 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 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 SWH Averaging Status, Ocean 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.

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The SWH and Ocean Averaging Status Flags have been set for one or more records.

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

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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.

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.

40

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: