

Report Production:

Processor Used:

Data Used:

IDEAS+ Daily Report for NOP data:

21-Sep-2018

CryoSat Ocean Processor

Near Real Time Ocean Products (NOP) L1B & L2 Science Data

20/09/2018

Nominal

Nominal

Nominal

See Section 4.6

See Section 5.6, 5.7

See Section 5.8



Product Header Analysis

Auxiliary Data File Usage Check

Auxiliary Correction Error Check

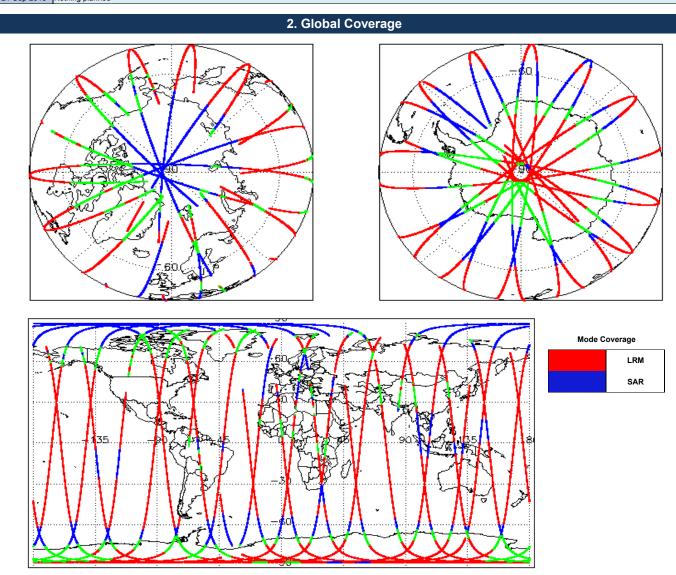
Measurement Confidence Data Check

Range, SWH & Backscatter Measurement Check

Ocean Retracking Quality Check

Mission / Instrument News 19-Sep-2018 None 20-Sep-2018 None

21-Sep-2018 Nothing planned



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

ct.					
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.					
the next SW update.					
ne or more records					
ne or more records ne or more records					

Loss of Echo

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.

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).

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.

5. NOP Level 2 Data Quality Check

The tracking echo is missing for one or more records

The tracking echo is missing for one or more records

The tracking echo is missing for one or more records

The tracking echo is missing for one or more records

The tracking echo is missing for one or more records

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The tracking echo is missing for one or more records

The tracking echo is missing for one or more records

5.6 L2 Range Measurement Check

CS_OFFL_SIR_NOPN1B_20180920T025847_20180920T030240_C001

CS_OFFL_SIR_NOPN1B_20180920T112314_20180920T112752_C001

CS_OFFL_SIR_NOPN1B_20180920T130216_20180920T130326_C001

CS_OFFL_SIR_NOPN1B_20180920T144134_20180920T144725_C001

CS_OFFL_SIR_NOPN1B_20180920T161622_20180920T161655_C001

CS_OFFL_SIR_NOPN1B_20180920T180341_20180920T180803_C001

CS_OFFL_SIR_NOPR1B_20180920T063526_20180920T063725_C001

CS_OFFL_SIR_NOPR1B_20180920T070321_20180920T070732_C001

CS_OFFL_SIR_NOPR1B_20180920T081514_20180920T081844_C001

CS OFFL SIR NOPR1B 20180920T175525 20180920T180341 C001

CS_OFFL_SIR_NOPR1B_20180920T192138_20180920T192215_C001

CS_OFFL_SIR_NOPR1B_20180920T203307_20180920T203708_C001

CS_OFFL_SIR_NOPR1B_20180920T233744_20180920T233829_C001

5.1 L2 Product Format Check

5.2 L2 Product Header Analysis

5.3 L2 Auxiliary Data File Usage Check

5.4 L2 Auxiliary Correction Error Check

5.5 L2 Measurement Confidence Data Check

Number of products with errors:

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.

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.

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.

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767).

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 66

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180919T235922_20180920T001135_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20180920T001339_20180920T002818_C001 CS OFFL SIR NOPM 2 20180920T003109 20180920T003609 C001 CS_OFFL_SIR_NOPM_2_20180920T003648_20180920T003811_C001 CS_OFFL_SIR_NOPM_2_20180920T004538_20180920T005549_C001 CS OFFL SIR NOPM 2 20180920T010208 20180920T011816 C001 CS_OFFL_SIR_NOPM_2_20180920T012114_20180920T012204_C001 CS OFFL SIR NOPM 2 20180920T014916 20180920T015054 C001 CS OFFL SIR NOPM 2 20180920T015337 20180920T020654 C001 CS_OFFL_SIR_NOPM_2_20180920T021023_20180920T021520_C001 CS OFFL SIR NOPM 2 20180920T022318 20180920T025846 C001 CS OFFL SIR NOPM 2 20180920T044758 20180920T045057 C001 CS_OFFL_SIR_NOPM_2_20180920T045215_20180920T052515_C001 CS OFFL SIR NOPM 2 20180920T052849 20180920T053350 C001 CS_OFFL_SIR_NOPM_2_20180920T053357_20180920T053725_C001 CS_OFFL_SIR_NOPM_2_20180920T054136_20180920T055159_C001 CS OFFL SIR NOPM 2 20180920T055736 20180920T061511 C001 CS_OFFL_SIR_NOPM_2_20180920T062654_20180920T063410_C001 CS_OFFL_SIR_NOPM_2_20180920T063856_20180920T064744_C001 CS OFFL SIR NOPM 2 20180920T070037 20180920T070321 C001 CS_OFFL_SIR_NOPM_2_20180920T070847_20180920T071422_C001 CS_OFFL_SIR_NOPM_2_20180920T072157_20180920T075431_C001 CS OFFL SIR NOPM 2 20180920T075450 20180920T075608 C001 CS_OFFL_SIR_NOPM_2_20180920T080633_20180920T080830_C001 CS OFFL SIR NOPM 2 20180920T082655 20180920T084237 C001 CS OFFL SIR NOPM 2 20180920T090018 20180920T093544 C001 CS OFFL SIR NOPM 2 20180920T094551 20180920T094741 C001 CS_OFFL_SIR_NOPM_2_20180920T095756_20180920T100217_C001 CS_OFFL_SIR_NOPM_2_20180920T100313_20180920T102049_C001 CS_OFFL_SIR_NOPM_2_20180920T103958_20180920T105725_C001 CS OFFL SIR NOPM 2 20180920T110121 20180920T111542 C001 CS_OFFL_SIR_NOPM_2_20180920T112752_20180920T114618_C001 CS_OFFL_SIR_NOPM_2_20180920T114738_20180920T120130_C001 CS_OFFL_SIR_NOPM_2_20180920T121858_20180920T123349_C001 CS_OFFL_SIR_NOPM_2_20180920T123550_20180920T124514_C001 CS_OFFL_SIR_NOPM_2_20180920T130615_20180920T132418_C001 CS OFFL SIR NOPM 2 20180920T134023 20180920T134235 C001 CS_OFFL_SIR_NOPM_2_20180920T134736_20180920T135533_C001 CS OFFL SIR NOPM 2 20180920T135847 20180920T141255 C001 CS OFFL SIR NOPM 2 20180920T144725 20180920T152223 C001 CS_OFFL_SIR_NOPM_2_20180920T152843_20180920T153420_C001 CS_OFFL_SIR_NOPM_2_20180920T153855_20180920T160212_C001 CS OFFL SIR NOPM 2 20180920T161244 20180920T161507 C001 CS_OFFL_SIR_NOPM_2_20180920T163347_20180920T164518_C001 CS_OFFL_SIR_NOPM_2_20180920T165055_20180920T170121_C001 CS_OFFL_SIR_NOPM_2_20180920T170817_20180920T171251_C001 CS_OFFL_SIR_NOPM_2_20180920T171356_20180920T171410_C001 CS OFFL SIR NOPM 2 20180920T171748 20180920T174412 C001 CS_OFFL_SIR_NOPM_2_20180920T180804_20180920T183906_C001 CS_OFFL_SIR_NOPM_2_20180920T184727_20180920T185300_C001 CS OFFL SIR NOPM 2 20180920T185655 20180920T190046 C001 CS_OFFL_SIR_NOPM_2_20180920T193157_20180920T193423_C001

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

CS_OFFL_SIR_NOPM_2_20180920T194646_20180920T201923_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T202630_20180920T203142_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T203708_20180920T205325_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T212317_20180920T215811_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T220309_20180920T220629_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T220646_20180920T221044_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T221600_20180920T224147_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T230146_20180920T231608_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T232241_20180920T233744_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T234010_20180920T234527_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T235614_20180921T000904_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180920T030758_20180920T030831_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180920T103220_20180920T103750_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20180920T111542_20180920T111715_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. 67

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180919T235922_20180920T001135_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_20180920T001339_20180920T002818_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_20180920T003109_20180920T003609_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T003648_20180920T003811_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T004538_20180920T005549_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_20180920T010208_20180920T011816_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_20180920T012114_20180920T012204_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_20180920T014916_20180920T015054_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_20180920T015337_20180920T020654_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_20180920T021023_20180920T021520_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T022318_20180920T025846_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_20180920T044758_20180920T045057_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_20180920T045215_20180920T052515_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_20180920T052849_20180920T053350_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T053357_20180920T053725_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T054136_20180920T055159_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_20180920T055736_20180920T061511_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_20180920T062654_20180920T063410_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_20180920T063856_20180920T064744_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_20180920T070037_20180920T070321_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_20180920T070847_20180920T071422_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T072157_20180920T075431_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_20180920T075450_20180920T075608_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_20180920T080601_20180920T080607_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_20180920T080633_20180920T080830_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_20180920T082655_20180920T084237_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_20180920T084809_20180920T085317_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180920T090018_20180920T093544_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_20180920T094551_20180920T094741_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_20180920T095756_20180920T100217_C001 CS OFFL SIR NOPM 2 20180920T100313 20180920T102049 C001 CS_OFFL_SIR_NOPM_2_20180920T103958_20180920T105725_C001 CS_OFFL_SIR_NOPM_2_20180920T110121_20180920T111542_C001 CS_OFFL_SIR_NOPM_2_20180920T112752_20180920T114618_C001 CS_OFFL_SIR_NOPM_2_20180920T114738_20180920T120130_C001 CS OFFL SIR NOPM 2 20180920T121238 20180920T121631 C001 CS OFFL SIR NOPM 2 20180920T121858 20180920T123349 C001 CS_OFFL_SIR_NOPM_2_20180920T123550_20180920T124514_C001 CS_OFFL_SIR_NOPM_2_20180920T130615_20180920T132418_C001 CS OFFL SIR NOPM 2 20180920T134023 20180920T134235 C001 CS_OFFL_SIR_NOPM_2_20180920T134736_20180920T135533_C001 CS OFFL SIR NOPM 2 20180920T135847 20180920T141255 C001 CS_OFFL_SIR_NOPM_2_20180920T144725_20180920T152223_C001 CS_OFFL_SIR_NOPM_2_20180920T152608_20180920T152818_C001 CS OFFL SIR NOPM 2 20180920T152843 20180920T153420 C001 CS_OFFL_SIR_NOPM_2_20180920T153855_20180920T160212_C001 CS_OFFL_SIR_NOPM_2_20180920T161244_20180920T161507_C001 CS_OFFL_SIR_NOPM_2_20180920T163347_20180920T164518_C001 CS_OFFL_SIR_NOPM_2_20180920T165055_20180920T170121_C001 CS_OFFL_SIR_NOPM_2_20180920T170817_20180920T171251_C001 CS OFFL SIR NOPM 2 20180920T171748 20180920T174412 C001 CS_OFFL_SIR_NOPM_2_20180920T180804_20180920T183906_C001 CS OFFL SIR NOPM 2 20180920T184727 20180920T185300 C001 CS OFFL SIR NOPM 2 20180920T185655 20180920T190046 C001 CS_OFFL_SIR_NOPM_2_20180920T193157_20180920T193423_C001 CS_OFFL_SIR_NOPM_2_20180920T194646_20180920T201923_C001 CS_OFFL_SIR_NOPM_2_20180920T202630_20180920T203142_C001 CS_OFFL_SIR_NOPM_2_20180920T203708_20180920T205325_C001 CS OFFL SIR NOPM 2 20180920T212317 20180920T215811 C001 CS_OFFL_SIR_NOPM_2_20180920T220309_20180920T220629_C001 CS_OFFL_SIR_NOPM_2_20180920T220646_20180920T221044_C001 CS OFFL SIR NOPM 2 20180920T221600 20180920T224147 C001 CS_OFFL_SIR_NOPM_2_20180920T230146_20180920T231608_C001 CS_OFFL_SIR_NOPM_2_20180920T232241_20180920T233744_C001 CS OFFL SIR NOPM 2 20180920T234010 20180920T234527 C001 CS_OFFL_SIR_NOPN_2_20180920T030758_20180920T030831_C001 CS_OFFL_SIR_NOPR_2_20180920T111542_20180920T111715_C001 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 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 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 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 SWH Averaging Status, Ocean Backscatter Averaging Status

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.

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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: