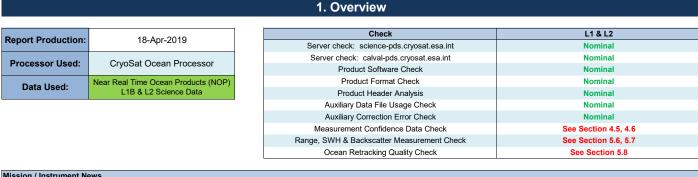
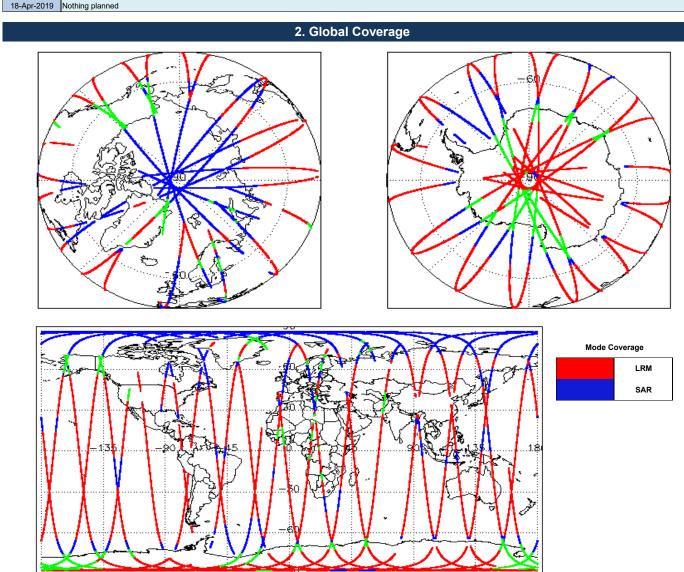


IDEAS+ Daily Report for NOP data:

<u>17/04/2019</u>



mission / matument news			
16-Apr-2019	None		
17-Apr-2019	None		
19 Apr 2010	Nothing plann		



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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190417T095553_20190417T101815_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190417T061224_20190417T061255_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190417T092757_20190417T092847_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190417T111019_20190417T111258_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190417T233911_20190417T234424_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T030608_20190417T030723_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T043210_20190417T043911_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T075120_20190417T080131_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T134716_20190417T135311_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T143118_20190417T143758_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T145848_20190417T150027_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T163023_20190417T163126_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190417T170649_20190417T170746_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

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. 73

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190416T235537_20190417T001830_C001		The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T002805_20190417T002957_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T003701_20190417T005211_C001	Ocean Rande Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190417T005240_20190417T005418_C001 CS OFFL SIR NOPM 2 20190417T005900 20190417T010740 C001 CS_OFFL_SIR_NOPM_2_20190417T012206_20190417T012446_C001 CS_OFFL_SIR_NOPM_2_20190417T012635_20190417T014310_C001 CS OFFL SIR NOPM 2 20190417T014517 20190417T015946 C001 CS_OFFL_SIR_NOPM_2_20190417T020701_20190417T020908_C001 CS OFFL SIR NOPM 2 20190417T021000 20190417T021410 C001 CS OFFL SIR NOPM 2 20190417T021557 20190417T023123 C001 CS_OFFL_SIR_NOPM_2_20190417T023324_20190417T024246_C001 CS_OFFL_SIR_NOPM_2_20190417T031018_20190417T032217_C001 CS_OFFL_SIR_NOPM_2_20190417T032735_20190417T034200_C001 CS_OFFL_SIR_NOPM_2_20190417T034456_20190417T035312_C001 CS_OFFL_SIR_NOPM_2_20190417T035532_20190417T041153_C001 CS_OFFL_SIR_NOPM_2_20190417T063135_20190417T064258_C001 CS_OFFL_SIR_NOPM_2_20190417T064835_20190417T065947_C001 CS OFFL SIR NOPM 2 20190417T070312 20190417T070359 C001 CS_OFFL_SIR_NOPM_2_20190417T070556_20190417T071158_C001 CS_OFFL_SIR_NOPM_2_20190417T071327_20190417T074221_C001 CS_OFFL_SIR_NOPM_2_20190417T080505_20190417T083851_C001 CS_OFFL_SIR_NOPM_2_20190417T084504_20190417T085029_C001 CS_OFFL_SIR_NOPM_2_20190417T085207_20190417T085821_C001 CS OFFL SIR NOPM 2 20190417T092847 20190417T093213 C001 CS_OFFL_SIR_NOPM_2_20190417T094430_20190417T095309_C001 CS OFFL SIR NOPM 2 20190417T095553 20190417T101815 C001 CS OFFL SIR NOPM 2 20190417T102401 20190417T102507 C001 CS OFFL SIR NOPM 2 20190417T102511 20190417T102920 C001 CS_OFFL_SIR_NOPM_2_20190417T103120_20190417T105055_C001 CS_OFFL_SIR_NOPM_2_20190417T112257_20190417T115625_C001 CS_OFFL_SIR_NOPM_2_20190417T120411_20190417T120418_C001 CS OFFL SIR NOPM 2 20190417T120425 20190417T120759 C001 CS_OFFL_SIR_NOPM_2_20190417T121505_20190417T124630_C001 CS_OFFL_SIR_NOPM_2_20190417T130635_20190417T131347_C001 CS OFFL SIR NOPM 2 20190417T131925 20190417T133600 C001 CS_OFFL_SIR_NOPM_2_20190417T133749_20190417T134303_C001 CS_OFFL_SIR_NOPM_2_20190417T134338_20190417T134514_C001 CS OFFL SIR NOPM 2 20190417T135311 20190417T140643 C001 CS_OFFL_SIR_NOPM_2_20190417T140857_20190417T142110_C001 CS OFFL SIR NOPM 2 20190417T144826 20190417T145712 C001 CS OFFL SIR NOPM 2 20190417T145720 20190417T145848 C001 CS_OFFL_SIR_NOPM_2_20190417T150027_20190417T151455_C001 CS_OFFL_SIR_NOPM_2_20190417T151713_20190417T152214_C001 CS OFFL SIR NOPM 2 20190417T152252 20190417T152353 C001 CS_OFFL_SIR_NOPM_2_20190417T153047_20190417T153203_C001 CS_OFFL_SIR_NOPM_2_20190417T153556_20190417T154335_C001 CS_OFFL_SIR_NOPM_2_20190417T154746_20190417T155235_C001 CS_OFFL_SIR_NOPM_2_20190417T155519_20190417T160107_C001 CS OFFL SIR NOPM 2 20190417T163126 20190417T165418 C001 CS_OFFL_SIR_NOPM_2_20190417T170746_20190417T173208_C001 CS_OFFL_SIR_NOPM_2_20190417T180819_20190417T183356_C001 CS OFFL SIR NOPM 2 20190417T183526 20190417T184044 C001 CS_OFFL_SIR_NOPM_2_20190417T184051_20190417T184417_C001

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 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 Ocean Range Averaging Status Ice 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 Ice 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

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

CS_OFFL_SIR_NOPM_2_20190417T184729_20190417T185845_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T190423_20190417T192048_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T194506_20190417T200318_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T200717_20190417T201340_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T201527_20190417T202320_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T202636_20190417T210036_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T211358_20190417T211458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T213604_20190417T215254_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T215457_20190417T220010_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T220610_20190417T222823_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T223108_20190417T224039_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T225203_20190417T225502_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T231110_20190417T231718_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T231905_20190417T233128_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T234606_20190418T001822_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190417T071158_20190417T071327_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190417T080131_20190417T080505_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190417T034200_20190417T034258_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190417T065947_20190417T070152_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_20190416T235537_20190417T001830_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_20190417T002805_20190417T002957_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T003701_20190417T005211_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_20190417T005240_20190417T005418_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_20190417T005900_20190417T010740_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_20190417T012206_20190417T012446_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T012635_20190417T014310_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_20190417T014517_20190417T015946_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_20190417T020701_20190417T020908_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T021000_20190417T021410_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T021557_20190417T023123_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_20190417T023324_20190417T024246_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_20190417T031018_20190417T032217_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_20190417T032735_20190417T034200_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_20190417T034456_20190417T035312_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T035532_20190417T041153_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_20190417T041441_20190417T041653_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_20190417T063135_20190417T064258_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_20190417T064835_20190417T065947_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_20190417T070556_20190417T071158_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T071327_20190417T074221_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_20190417T080505_20190417T083851_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_20190417T084504_20190417T085029_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190417T085207_20190417T085821_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_20190417T092847_20190417T093213_C001 CS OFFL SIR NOPM 2 20190417T094430 20190417T095309 C001 CS_OFFL_SIR_NOPM_2_20190417T095553_20190417T101815_C001 CS_OFFL_SIR_NOPM_2_20190417T102511_20190417T102920_C001 CS OFFL SIR NOPM 2 20190417T103120 20190417T105055 C001 CS_OFFL_SIR_NOPM_2_20190417T112257_20190417T115625_C001 CS OFFL SIR NOPM 2 20190417T120411 20190417T120418 C001 CS OFFL SIR NOPM 2 20190417T120425 20190417T120759 C001 CS_OFFL_SIR_NOPM_2_20190417T121505_20190417T124630_C001 CS OFFL SIR NOPM 2 20190417T130635 20190417T131347 C001 CS_OFFL_SIR_NOPM_2_20190417T131925_20190417T133600_C001 CS_OFFL_SIR_NOPM_2_20190417T133749_20190417T134303_C001 CS OFFL SIR NOPM 2 20190417T134338 20190417T134514 C001 CS_OFFL_SIR_NOPM_2_20190417T135311_20190417T140643_C001 CS_OFFL_SIR_NOPM_2_20190417T140857_20190417T142110_C001 CS OFFL SIR NOPM 2 20190417T144826 20190417T145712 C001 CS_OFFL_SIR_NOPM_2_20190417T145720_20190417T145848_C001 CS_OFFL_SIR_NOPM_2_20190417T150027_20190417T151455_C001 CS_OFFL_SIR_NOPM_2_20190417T151713_20190417T152214_C001 CS_OFFL_SIR_NOPM_2_20190417T152252_20190417T152353_C001 CS_OFFL_SIR_NOPM_2_20190417T153047_20190417T153203_C001 CS OFFL SIR NOPM 2 20190417T153556 20190417T154335 C001 CS_OFFL_SIR_NOPM_2_20190417T154746_20190417T155235_C001 CS OFFL SIR NOPM 2 20190417T163126 20190417T165418 C001 CS OFFL SIR NOPM 2 20190417T170746 20190417T173208 C001 CS OFFL SIR NOPM 2 20190417T180819 20190417T183356 C001 CS_OFFL_SIR_NOPM_2_20190417T183526_20190417T184044_C001 CS_OFFL_SIR_NOPM_2_20190417T184051_20190417T184417_C001 CS_OFFL_SIR_NOPM_2_20190417T184729_20190417T185845_C001 CS OFFL SIR NOPM 2 20190417T190423 20190417T192048 C001 CS_OFFL_SIR_NOPM_2_20190417T194506_20190417T200318_C001 CS_OFFL_SIR_NOPM_2_20190417T200717_20190417T201340_C001 CS OFFL SIR NOPM 2 20190417T201527 20190417T202320 C001 CS_OFFL_SIR_NOPM_2_20190417T202636_20190417T210036_C001 CS_OFFL_SIR_NOPM_2_20190417T211358_20190417T211458_C001 CS OFFL SIR NOPM 2 20190417T213604 20190417T215254 C001 CS_OFFL_SIR_NOPM_2_20190417T215457_20190417T220010_C001 CS_OFFL_SIR_NOPM_2_20190417T220610_20190417T222823_C001 CS OFFL SIR NOPM 2 20190417T223108 20190417T224039 C001 CS OFFL SIR NOPM 2 20190417T225203 20190417T225502 C001 CS_OFFL_SIR_NOPM_2_20190417T231110_20190417T231718_C001 CS_OFFL_SIR_NOPM_2_20190417T231905_20190417T233128_C001 CS_OFFL_SIR_NOPM_2_20190417T234606_20190418T001822_C001 CS OFFL SIR NOPN 2 20190417T071158 20190417T071327 C001 CS_OFFL_SIR_NOPN_2_20190417T080131_20190417T080505_C001 CS_OFFL_SIR_NOPR_2_20190417T034200_20190417T034258_C001 CS OFFL SIR NOPR 2 20190417T065947 20190417T070152 C001

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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.

50

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: