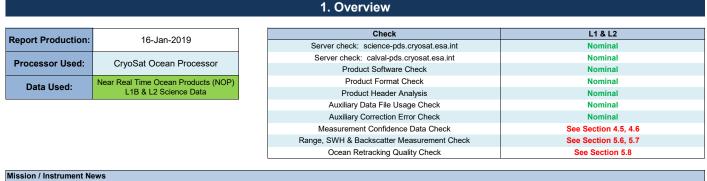
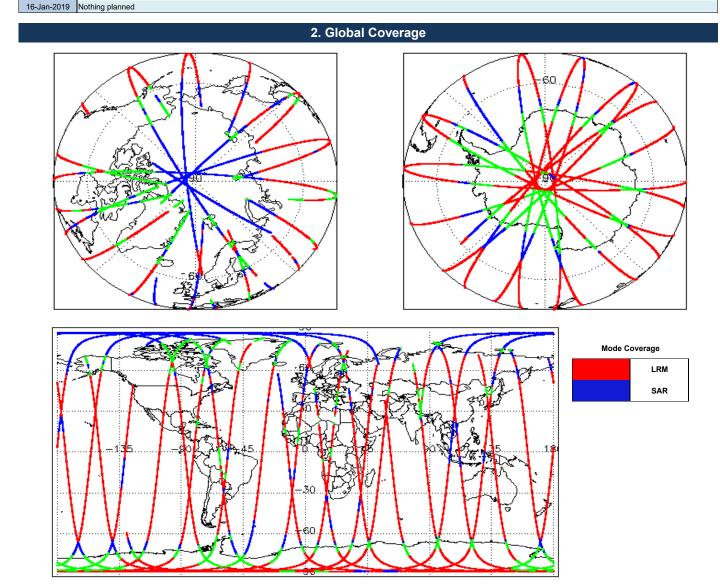


IDEAS+ Daily Report for NOP data:

<u>15/01/2019</u>



14-Jan-2019 None 15-Jan-2019 None



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

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: 0		
4.4 L1B Auxiliary Correction Error Check		
CryoSat L1B data includes a correction error flag for each measurement record	d. The bit value of this flag indicat	es 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 measurem	nent record. The bit value of this t	lag indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for NOPR produ	ucts due to a configuration issue.	This is being investigated and will be updated in the next SW update.
Number of products with errors: 0		
4.6 L1B Waveform Group Data Check		
4.0 LTB Wavelolm Gloup Data Check		
CryoSat L1B data includes a waveform data flag for each measurement record.	. The bit value of this flag indicat	es any problems when set.
Loss of Echo Flag: This flag is currently set for products over land, but this is t	to be expected.	
Number of products with errors: 11		
Product	Test Failed	Description
	Loss of Echo	The two ships a she is using for an even second state
CS_OFFL_SIR_NOPM1B_20190115T072631_20190115T074122_C001	E033 OF ECHO	The tracking echo is missing for one or more records
	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001		
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001	Loss of Echo Loss of Echo Loss of Echo	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
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPM1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo	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
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo	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
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPM1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001 CS_OFFL_SIR_NOPR1B_20190115T181626_20190115T1811707_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo	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 The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001 CS_OFFL_SIR_NOPR1B_20190115T130403_20190115T131152_C001 CS_OFFL_SIR_NOPR1B_20190115T130403_20190115T131152_C001 CS_OFFL_SIR_NOPR1B_20190115T181332_20190115T181410_C001	Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo Loss of Echo	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 The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001 CS_OFFL_SIR_NOPR1B_20190115T1801626_20190115T131152_C001 CS_OFFL_SIR_NOPR1B_20190115T181332_20190115T181410_C001 CS_OFFL_SIR_NOPR1B_20190115T1817556_20190115T190059_C001	Loss of Echo Loss of Echo	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 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
CS_OFFL_SIR_NOPM1B_20190115T072631_20190115T074122_C001 CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPM1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPM1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001 CS_OFFL_SIR_NOPR1B_20190115T130403_20190115T131152_C001 CS_OFFL_SIR_NOPR1B_20190115T181332_20190115T181410_C001 CS_OFFL_SIR_NOPR1B_20190115T1815756_20190115T19059_C001 CS_OFFL_SIR_NOPR1B_20190115T193422_20190115T193552_C001	Loss of EchoLoss of Echo	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 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 The tracking echo is missing for one or more records
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CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001 CS_OFFL_SIR_NOPR1B_20190115T130403_20190115T131152_C001 CS_OFFL_SIR_NOPR1B_20190115T181332_20190115T181410_C001 CS_OFFL_SIR_NOPR1B_20190115T185756_20190115T19059_C001 CS_OFFL_SIR_NOPR1B_20190115T193422_20190115T193552_C001	Loss of EchoLoss of Echo	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 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 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
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001 CS_OFFL_SIR_NOPR1B_20190115T180403_20190115T131152_C001 CS_OFFL_SIR_NOPR1B_20190115T181332_20190115T181410_C001 CS_OFFL_SIR_NOPR1B_20190115T181332_20190115T181410_C001 CS_OFFL_SIR_NOPR1B_20190115T185756_20190115T19059_C001 CS_OFFL_SIR_NOPR1B_20190115T193422_20190115T193552_C001 SOFFL_SIR_NOPR1B_20190115T193422_20190115T193552_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190115T090604_20190115T092952_C001 CS_OFFL_SIR_NOPM1B_20190115T131458_20190115T134948_C001 CS_OFFL_SIR_NOPN1B_20190115T081046_20190115T081255_C001 CS_OFFL_SIR_NOPR1B_20190115T004648_20190115T004921_C001 CS_OFFL_SIR_NOPR1B_20190115T052902_20190115T053602_C001 CS_OFFL_SIR_NOPR1B_20190115T081626_20190115T081707_C001 CS_OFFL_SIR_NOPR1B_20190115T130403_20190115T131152_C001 CS_OFFL_SIR_NOPR1B_20190115T181332_20190115T181410_C001 CS_OFFL_SIR_NOPR1B_20190115T185756_20190115T19059_C001 CS_OFFL_SIR_NOPR1B_20190115T193422_20190115T193552_C001 CS_OFFL_SIR_NOPR1B_20190115T193422_20190115T193552_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records

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: 0

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

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. 65

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190115T001353_20190115T002711_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T002921_20190115T003531_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T003731_20190115T004536_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T004921_20190115T012257_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T013617_20190115T013715_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T015739_20190115T020546_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190115T020610_20190115T021501_C001 CS OFFL SIR NOPM 2 20190115T021707 20190115T022223 C001 CS_OFFL_SIR_NOPM_2_20190115T022758_20190115T025037_C001 CS_OFFL_SIR_NOPM_2_20190115T025323_20190115T030304_C001 CS OFFL SIR NOPM 2 20190115T031443 20190115T031514 C001 CS OFFL SIR NOPM 2 20190115T031608 20190115T031858 C001 CS OFFL SIR NOPM 2 20190115T033411 20190115T033929 C001 CS OFFL SIR NOPM 2 20190115T034117 20190115T035246 C001 CS_OFFL_SIR_NOPM_2_20190115T035830_20190115T040124_C001 CS_OFFL_SIR_NOPM_2_20190115T040753_20190115T044046_C001 CS OFFL SIR NOPM 2 20190115T045742 20190115T050433 C001 CS_OFFL_SIR_NOPM_2_20190115T050446_20190115T052901_C001 CS OFFL SIR NOPM 2 20190115T054255 20190115T054520 C001 CS_OFFL_SIR_NOPM_2_20190115T054659_20190115T061615_C001 CS_OFFL_SIR_NOPM_2_20190115T063754_20190115T065337_C001 CS OFFL SIR NOPM 2 20190115T070230 20190115T071120 C001 CS_OFFL_SIR_NOPM_2_20190115T071717_20190115T071947_C001 CS_OFFL_SIR_NOPM_2_20190115T072011_20190115T072437_C001 CS OFFL SIR NOPM 2 20190115T072631 20190115T074122 C001 CS_OFFL_SIR_NOPM_2_20190115T074302_20190115T074755_C001 CS_OFFL_SIR_NOPM_2_20190115T081954_20190115T082704_C001 CS OFFL SIR NOPM 2 20190115T082827 20190115T085225 C001 CS_OFFL_SIR_NOPM_2_20190115T085459_20190115T090351_C001 CS OFFL SIR NOPM 2 20190115T090604 20190115T092952 C001 CS OFFL SIR NOPM 2 20190115T095703 20190115T103105 C001 CS_OFFL_SIR_NOPM_2_20190115T103714_20190115T104140_C001 CS_OFFL_SIR_NOPM_2_20190115T104430_20190115T111302_C001 CS_OFFL_SIR_NOPM_2_20190115T113853_20190115T115332_C001 CS_OFFL_SIR_NOPM_2_20190115T115907_20190115T120958_C001 CS OFFL SIR NOPM 2 20190115T121629 20190115T122218 C001 CS_OFFL_SIR_NOPM_2_20190115T122357_20190115T123920_C001 CS_OFFL_SIR_NOPM_2_20190115T124105_20190115T124937_C001 CS OFFL SIR NOPM_2_20190115T130128_20190115T130214_C001 CS_OFFL_SIR_NOPM_2_20190115T131457_20190115T134948_C001 CS_OFFL_SIR_NOPM_2_20190115T140247_20190115T140533_C001 CS OFFL SIR NOPM 2 20190115T140734 20190115T141106 C001 CS_OFFL_SIR_NOPM_2_20190115T141201_20190115T141918_C001 CS_OFFL_SIR_NOPM_2_20190115T143807_20190115T144042_C001 CS OFFL SIR NOPM 2 20190115T145445 20190115T150341 C001 CS OFFL SIR NOPM 2 20190115T150627 20190115T152823 C001 CS_OFFL_SIR_NOPM_2_20190115T153408_20190115T153535_C001 CS_OFFL_SIR_NOPM_2_20190115T153543_20190115T153951_C001 CS_OFFL_SIR_NOPM_2_20190115T154158_20190115T155459_C001 CS OFFL SIR NOPM 2 20190115T155647 20190115T160405 C001 CS_OFFL_SIR_NOPM_2_20190115T160501_20190115T160907_C001 CS_OFFL_SIR_NOPM_2_20190115T181722_20190115T182900_C001 CS OFFL SIR NOPM 2 20190115T183103 20190115T184642 C001 CS_OFFL_SIR_NOPM_2_20190115T184833_20190115T185331_C001 CS_OFFL_SIR_NOPM_2_20190115T190238_20190115T191044_C001 CS OFFL SIR NOPM 2 20190115T191933 20190115T193047 C001 CS_OFFL_SIR_NOPM_2_20190115T201027_20190115T202531_C001 Ocean 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 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 Ocean Range Averaging Status Ocean Range Averaging Status Ocean 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 Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status

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CS_OFFL_SIR_NOPM_2_20190115T202754_20190115T203243_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T203906_20190115T211323_C001	Ocean Rande Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T231455_20190115T234432_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T234614_20190115T235112_C001	lice Rande Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T235120_20190115T235447_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190115T235843_20190116T000925_C001	Ocean Rande Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190115T135222_20190115T135535_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190115T154113_20190115T154158_C001	Ocean Rande Averading 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. 65

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190115T001353_20190115T002711_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_20190115T002921_20190115T003531_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_20190115T003731_20190115T004536_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or mo records.
CS_OFFL_SIR_NOPM_2_20190115T004921_20190115T012257_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_20190115T013617_20190115T013715_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_20190115T015739_20190115T020546_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one o more records.
CS_OFFL_SIR_NOPM_2_20190115T020610_20190115T021501_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one o more records.
CS_OFFL_SIR_NOPM_2_20190115T021707_20190115T022223_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or me records.
CS_OFFL_SIR_NOPM_2_20190115T022758_20190115T025037_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one o more records.
S_OFFL_SIR_NOPM_2_20190115T025323_20190115T030304_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one o more records.
CS_OFFL_SIR_NOPM_2_20190115T031443_20190115T031514_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
S_OFFL_SIR_NOPM_2_20190115T031608_20190115T031858_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one o more records.
S_OFFL_SIR_NOPM_2_20190115T033411_20190115T033929_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one of more records.
S_OFFL_SIR_NOPM_2_20190115T034117_20190115T035246_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one of more records.
S_OFFL_SIR_NOPM_2_20190115T040753_20190115T044046_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one of
S_OFFL_SIR_NOPM_2_20190115T045742_20190115T050433_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one of the set
S_OFFL_SIR_NOPM_2_20190115T050446_20190115T052901_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one of
S_OFFL_SIR_NOPM_2_20190115T053836_20190115T054030_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or m
S_OFFL_SIR_NOPM_2_20190115T054255_20190115T054520_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or m
CS_OFFL_SIR_NOPM_2_20190115T054659_20190115T061615_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one of
S_OFFL_SIR_NOPM_2_20190115T063754_20190115T065337_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one of
S_OFFL_SIR_NOPM_2_20190115T070230_20190115T071120_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one of
	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or m
S_OFFL_SIR_NOPM_2_20190115T071717_20190115T071947_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or m
S_OFFL_SIR_NOPM_2_20190115T072011_20190115T072437_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one of
S_OFFL_SIR_NOPM_2_20190115T072631_20190115T074122_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one of
CS_OFFL_SIR_NOPM_2_20190115T074302_20190115T074755_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one of
S_OFFL_SIR_NOPM_2_20190115T081954_20190115T082704_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one of The SWH and Ocean Averaging Status Flags have been set for one of
S_OFFL_SIR_NOPM_2_20190115T082827_20190115T085225_C001	Backscatter Averaging Status	more records. The lee Backscatter Averaging Status Flags have been set for one or m
CS_OFFL_SIR_NOPM_2_20190115T085459_20190115T090351_C001	Ice Backscatter Averaging Status	records.
S_OFFL_SIR_NOPM_2_20190115T090604_20190115T092952_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one of more records.
S_OFFL_SIR_NOPM_2_20190115T095703_20190115T103105_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one of more records.
S_OFFL_SIR_NOPM_2_20190115T103714_20190115T104140_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or m records.
CS_OFFL_SIR_NOPM_2_20190115T104430_20190115T111302_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one o more records.
CS_OFFL_SIR_NOPM_2_20190115T113853_20190115T115332_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one o more records.
CS_OFFL_SIR_NOPM_2_20190115T115907_20190115T120958_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_20190115T121629_20190115T122218_C001 CS OFFL SIR NOPM_2_20190115T122357_20190115T123920_C001 CS_OFFL_SIR_NOPM_2_20190115T124105_20190115T124937_C001 CS_OFFL_SIR_NOPM_2_20190115T130128_20190115T130214_C001 CS OFFL SIR NOPM 2 20190115T131457 20190115T134948 C001 CS_OFFL_SIR_NOPM_2_20190115T140734_20190115T141106_C001 CS OFFL SIR NOPM 2 20190115T141201 20190115T141918 C001 CS OFFL SIR NOPM 2 20190115T143807 20190115T144042 C001 CS_OFFL_SIR_NOPM_2_20190115T145445_20190115T150341_C001 CS OFFL SIR NOPM 2 20190115T150627 20190115T152823 C001 CS_OFFL_SIR_NOPM_2_20190115T153408_20190115T153535_C001 CS_OFFL_SIR_NOPM_2_20190115T153543_20190115T153951_C001 CS OFFL SIR NOPM 2 20190115T154158 20190115T155459 C001 CS_OFFL_SIR_NOPM_2_20190115T155647_20190115T160405_C001 CS_OFFL_SIR_NOPM_2_20190115T160501_20190115T160907_C001 CS OFFL SIR NOPM 2 20190115T181722 20190115T182900 C001 CS_OFFL_SIR_NOPM_2_20190115T183103_20190115T184642_C001 CS_OFFL_SIR_NOPM_2_20190115T184833_20190115T185331_C001 CS_OFFL_SIR_NOPM_2_20190115T185410_20190115T185531_C001 CS_OFFL_SIR_NOPM_2_20190115T190238_20190115T191044_C001 CS_OFFL_SIR_NOPM_2_20190115T191933_20190115T193047_C001 CS OFFL SIR NOPM 2 20190115T201027 20190115T202531 C001 CS_OFFL_SIR_NOPM_2_20190115T202754_20190115T203243_C001 CS OFFL SIR NOPM 2 20190115T203906 20190115T211323 C001 CS OFFL SIR NOPM 2 20190115T231455 20190115T234432 C001 CS OFFL SIR NOPM 2 20190115T234614 20190115T235112 C001 CS_OFFL_SIR_NOPM_2_20190115T235120_20190115T235447_C001 CS_OFFL_SIR_NOPM_2_20190115T235843_20190116T000925_C001 CS_OFFL_SIR_NOPN_2_20190115T135222_20190115T135535_C001 CS OFFL SIR NOPR 2 20190115T154113 20190115T154158 C001

Ice 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 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

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

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

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: 42

Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean

Backscatter Averaging Status

records

more records