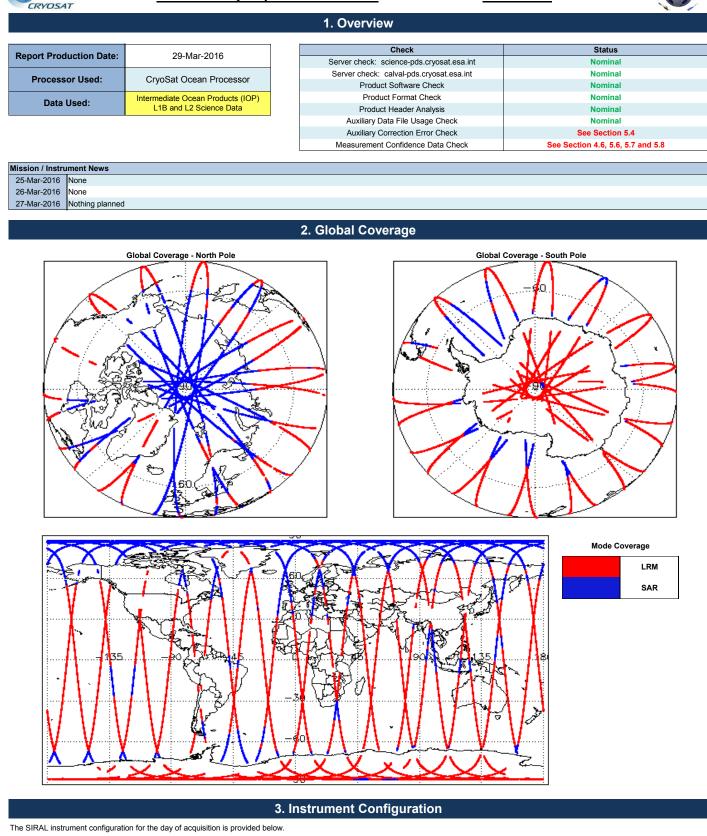


IDEAS+ Daily Report for IOP data:

26/03/2016





SIRAL instrument(s) in use:

SIRAL - A

4. IOP 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. Number of products with errors: 0				
				4.4 L1B Auxiliary Correction Error Check
CryoSat L1B data includes a correction error flag (field 60) 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 (field 12) for each	measurement record. The bit valu	e of this flag indicates any problems when set.		
Number of products with errors: 0				
Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected. Number of products with errors: 15				
Number of products with errors: 15				
Product	Test Failed	Description		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001	Test Failed Loss of Echo	The tracking echo is missing for one or more records		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001	Test Failed 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		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001	Test Failed 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		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001	Test Failed 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		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001 CS_OFFL_SIR_IOP_1B_20160326T080720_20160326T081209_B001 CS_OFFL_SIR_IOP_1B_20160326T091658_20160326T093237_B001	Test Failed 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		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001 CS_OFFL_SIR_IOP_1B_20160326T080720_20160326T081209_B001 CS_OFFL_SIR_IOP_1B_20160326T091658_20160326T093237_B001 CS_OFFL_SIR_IOP_1B_20160326T093439_20160326T094401_B001	Test Failed 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		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001 CS_OFFL_SIR_IOP_1B_20160326T080720_20160326T081209_B001 CS_OFFL_SIR_IOP_1B_20160326T091658_20160326T093237_B001 CS_OFFL_SIR_IOP_1B_20160326T093439_20160326T094401_B001 CS_OFFL_SIR_IOP_1B_20160326T131133_20160326T131353_B001	Test Failed 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		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001 CS_OFFL_SIR_IOP_1B_20160326T080720_20160326T081209_B001 CS_OFFL_SIR_IOP_1B_20160326T091658_20160326T093237_B001 CS_OFFL_SIR_IOP_1B_20160326T093439_20160326T094401_B001 CS_OFFL_SIR_IOP_1B_20160326T131133_20160326T131353_B001 CS_OFFL_SIR_IOP_1B_20160326T1311541_20160326T132021_B001	Test Failed 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		
Product CS_OFFL_SIR_IOP_1B_20160326T013940_20160326T014937_B001 CS_OFFL_SIR_IOP_1B_20160326T033649_20160326T034443_B001 CS_OFFL_SIR_IOP_1B_20160326T050516_20160326T050612_B001	Test Failed 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_IOP_1B_20160326T131541_20160326T132021_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T162617_20160326T162944_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T180237_20160326T181242_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T180237_20160326T182148_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T200301_20160326T182148_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T200301_20160326T200708_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T214923_20160326T215855_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T215855_20160326T220129_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T215855_20160326T220129_B001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOP_1B_20160326T230339_20160326T230553_B001Loss of EchoThe tracking echo is missing for one or more records

5. IOP 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: 0

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.

Wind Model File Usage: This file is currently not included in all L2 products.

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).

Currently, there are two common auxiliary correction errors 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.

Sea State Bias Error: The error value is currently set for products over land and sea ice, but this is to be expected.

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Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220160326T000717_20160326T000827_B001	Fauilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T033411_20160326T033609_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T051353_20160326T051730_B001	Mean Sea Surface (2)	There is an error with the MSS height (solution 2) for one or more records
CS_OFFL_SIR_IOP_220160326T065638_20160326T071932_B001	Total Geocentric Ocean Tide (FES)	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_IOP_220160326T081439_20160326T081558_B001	Fauilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T084841_20160326T090006_B001	Fauilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records

CS_OFFL_SIR_IOP_220160326T095424_20160326T100059_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_IOP_220160326T100514_20160326T100929_B001	Total Geocentric Ocean Tide (FES), Non-	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T100929_20160326T100958_B001	Total Geocentric Ocean Tide (FES), Non-	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T100958_20160326T101149_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T162617_20160326T162944_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T180237_20160326T181242_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T201931_20160326T203713_B001	Fauilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T214923_20160326T215854_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T225505_20160326T230214_B001	Fauilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_IOP_220160326T230339_20160326T230553_B001	Fauilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records

5.5 L2 Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag (field 14) 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 (field 25) and Ice (field 30) 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.

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

records

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. 33

Number of products with errors:

CS_OFFL_SIR_IOP_2__20160326T204420_20160326T204426_B001

CS_OFFL_SIR_IOP_2__20160326T204426_20160326T204432_B001

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220160326T004951_20160326T005323_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T005330_20160326T005339_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T005345_20160326T005712_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T022733_20160326T023236_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T023244_20160326T023611_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T040732_20160326T041309_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T041449_20160326T041510_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T050516_20160326T050612_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T054654_20160326T055203_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T072903_20160326T073106_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T090816_20160326T091015_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T091127_20160326T091518_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T100209_20160326T100325_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T104625_20160326T105419_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T122453_20160326T122704_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T122725_20160326T123308_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T140415_20160326T140527_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T140703_20160326T141133_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T154613_20160326T155148_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T172516_20160326T173028_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T190227_20160326T190515_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T190521_20160326T190529_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T190532_20160326T190932_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T194938_20160326T195157_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T203855_20160326T204414_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

Ice Range Averaging Status

Ice Range Averaging Status

CS_OFFL_SIR_IOP_220160326T204432_20160326T204634_B001		The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T221819_20160326T222324_B001	lice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T222325_20160326T222331_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T222331_20160326T222342_B001	lice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T222349_20160326T222504_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T235820_20160327T000241_B001	lice Range Averaging Status	The Ice 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 (field 49) and an Ocean (field 55) and Ice (field 61) 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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220160326T004951_20160326T005323_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T005345_20160326T005712_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T022733_20160326T023236_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T023244_20160326T023611_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T040732_20160326T041309_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T041449_20160326T041510_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T054654_20160326T055203_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T072903_20160326T073106_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T090816_20160326T091015_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T091127_20160326T091518_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T100209_20160326T100325_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T104625_20160326T105419_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T122453_20160326T122704_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T122725_20160326T123308_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T140415_20160326T140527_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T140703_20160326T141133_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T190227_20160326T190515_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T190521_20160326T190529_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T190532_20160326T190932_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T221819_20160326T222324_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T222325_20160326T222331_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T222331_20160326T222342_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T222349_20160326T222504_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220160326T235820_20160327T000241_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag (field 19) 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: