



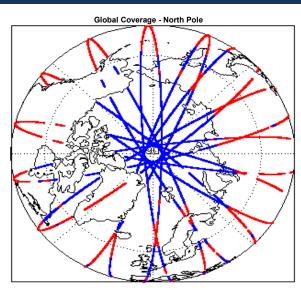
1. Overview

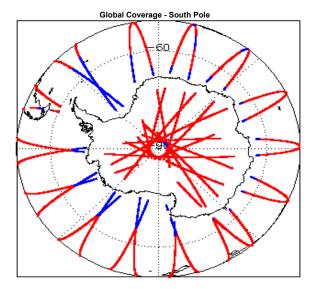
Report Production Date:	05-Feb-2016
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B and L2 Science Data

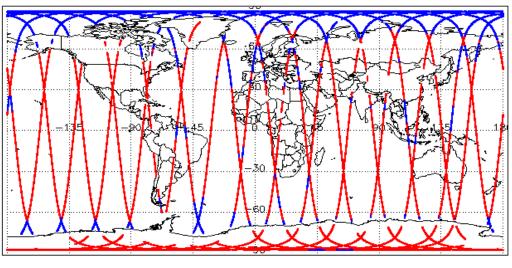
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	See Section 5.4
Measurement Confidence Data Check	See Section 4.5, 4.6, 5.5, 5.6, 5.7 and 5.8

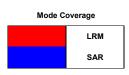
Mission	Mission / Instrument News		
07-Jan-	-2016	None	
08-Jan-	-2016	None	
09-Jan-	-2016	Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. GOP 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 product file (.DBL).

Number of products with errors:

0

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.

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:

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:

4.5 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag (field 12) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_1B_20160108T010000_20160108T011307_B001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOP_1B_20160108T194538_20160108T194623_B001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

CryoSat L1B data includes a waveform data flag (field 65) 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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_1B_20160108T011521_20160108T012731_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T012732_20160108T013036_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T031614_20160108T032228_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T045436_20160108T050335_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T090943_20160108T091215_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T094911_20160108T095844_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T101004_20160108T101034_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T105210_20160108T112455_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T194538_20160108T194623_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T194811_20160108T195600_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T210038_20160108T211053_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T211521_20160108T211708_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160108T230248_20160108T230326_B001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP 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 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.

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.

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_GOP_2_20160108T011308_20160108T011521_B001	Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES)
CS_OFFL_SIR_GOP_220160108T013737_20160108T014435_B001	Total Geocentric Ocean Tide (GOT), Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	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_GOP_2_20160108T015445_20160108T020510_B001	` '	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_GOP_220160108T023920_20160108T023959_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_GOP_2_20160108T030022_20160108T030731_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_GOP_2_20160108T045436_20160108T050336_B001 Total Geocentric Ocean Tide (FES), Non-GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Equilibrium Long Period Ocean Tide Period Oc	
CS_OFFL_SIR_GOP_2_20160108T064215_20160108T064352_B001 Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Period Ocean Tide Non-equilibrium Long Perio	
Total Geocentric Ocean Tide (GOT), CS_OFFL_SIR_GOP_2_20160108T094718_20160108T094835_B001 Total Geocentric Ocean Tide (FES), Non-GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Equilibrium Long Period Ocean Tide Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Tide height for one or more records	
Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Total Geocentric Ocean Tide height (solution for one of the Non-equilibrium Long Period Ocean Tide height for one or records	
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CS_OFFL_SIR_GOP_2_20160108T142957_20160108T143422_B001 Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Total Geocentric Ocean Tide height (solution for our period Ocean Tide) There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide FES) are the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide FES) are the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide FES) are the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide heig	
Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Total Geocentric Ocean Tide height (solution for one of the Non-equilibrium Long Period Ocean Tide height for one or records	
CS_OFFL_SIR_GOP_2_20160108T180440_20160108T181442_B001 Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Total Geocentric Ocean Tide height (solution for our period Ocean Tide) There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for our period Ocean Tide There is an error with the Total Geocentric Ocean Tide height for our period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide FES) are the	
Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Total Geocentric Ocean Tide height (solution for one of the Non-equilibrium Long Period Ocean Tide height for one or records	
Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Total Geocentric Ocean Tide height (solution for one of the Non-equilibrium Long Period Ocean Tide height for one or records	
CS_OFFL_SIR_GOP_2_20160108T212745_20160108T213850_B001 Total Geocentric Ocean Tide (FES) There is an error with the Total Geocentric Ocean Tide height (solu FES) for one or more records	ıtion 2:
Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide There is an error with the Total Geocentric Ocean Tide height (solution for one of the Non-equilibrium Long Period Ocean Tide height for one or records	
CS_OFFL_SIR_GOP_2_20160108T223947_20160108T225317_B001 Total Geocentric Ocean Tide (FES) There is an error with the Total Geocentric Ocean Tide height (solu FES) for one or more records	ition 2:
CS_OFFL_SIR_GOP_2_20160108T231953_20160108T235157_B001 Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide Period Ocean Tide Non-equilibrium Long Perio	

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20160108T010000_20160108T011307_B001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220160108T194538_20160108T194623_B001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

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.

Ocean Range Averaging Status Flag: This flag is currently set for products over land and sea ice, but this is to be expected.

 $\textbf{Ice Range Averaging Status Flag:} \ \textbf{This flag is currently set for products over land, but this is to be expected.}$

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220160108T004414_20160108T004931_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T004937_20160108T004943_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T004944_20160108T004950_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T004950_20160108T005146_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T022848_20160108T022859_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T022906_20160108T023020_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T040358_20160108T040758_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T040805_20160108T040813_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T040820_20160108T041028_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T054147_20160108T054712_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T054718_20160108T055043_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T072148_20160108T072950_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T090122_20160108T090638_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T104252_20160108T104538_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T122251_20160108T122445_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T122702_20160108T122940_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T131641_20160108T132035_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T140129_20160108T140402_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220160108T140425_20160108T140851_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T153913_20160108T154804_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T171843_20160108T172021_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T172130_20160108T172554_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T190044_20160108T190632_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T203950_20160108T204503_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T221819_20160108T221950_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T221950_20160108T221957_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T221957_20160108T222406_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T235322_20160108T235848_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T235849_20160108T235855_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T235855_20160108T235901_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T235901_20160108T235908_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T235908_20160109T000136_B001	Ice 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.

 $\textbf{SWH Averaging Status Flag:} \ \ \textbf{This flag is currently set for products over land and sea ice, but this is to be expected.}$

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. 25

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20160108T004944_20160108T004950_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T004950_20160108T005146_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T022906_20160108T023020_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T040358_20160108T040758_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T040820_20160108T041028_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T054147_20160108T054712_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T054718_20160108T055043_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T072148_20160108T072950_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T090122_20160108T090638_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T104252_20160108T104538_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T122251_20160108T122445_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T122702_20160108T122940_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T131641_20160108T132035_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T140129_20160108T140402_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T140425_20160108T140851_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T153913_20160108T154804_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T171843_20160108T172021_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T172130_20160108T172554_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T190044_20160108T190632_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T203950_20160108T204503_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160108T221957_20160108T222406_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T235322_20160108T235848_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T235855_20160108T235901_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T235901_20160108T235908_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160108T235908_20160109T000136_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.