

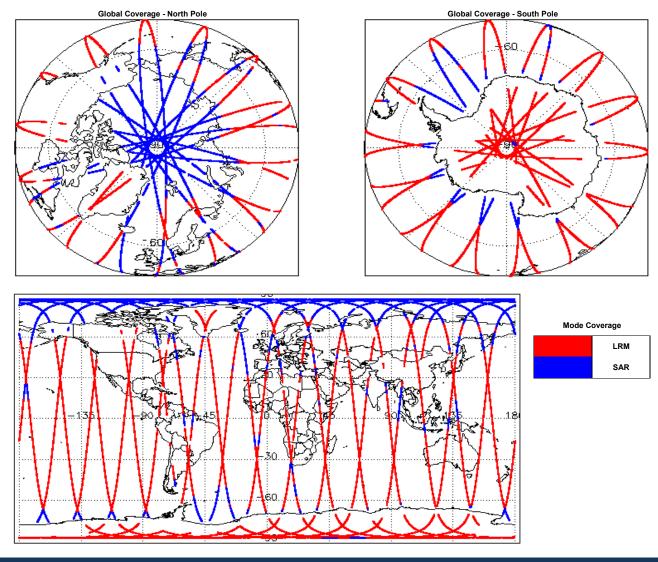
IDEAS+ Daily Report for GOP data:

<u>27/02/2016</u>

Denset Des dusting Dates		Check	Status
Report Production Date: 29-Mar-2016	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal
FIOLESSOF USEd.	CryoSal Ocean Processor	Product Software Check	Nominal
Data Used: Geophysical Ocean Products (GOP) L1B and L2 Science Data	Product Format Check	Nominal	
	L1B and L2 Science Data	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
Aission / Instrument News			
26-Feb-2016 None			
27-Feb-2016 None			

27-Feb-2016	None
28-Feb-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. 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 pro-	e-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 measurem	nent record. The bit value of this fla	g 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 value	of this flag indicates any problems when set.		
Number of products with errors: 1				
Product	Test Failed	Description		
CS OFEL SIR GOP 1B 20160227T140104 20160227T143553 B001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more		

records

Power scaling error

CS_OFFL_SIR_GOP_1B_20160227T140104_20160227T143553_B001 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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_1B_20160227T003610_20160227T004331_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T021432_20160227T022312_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T045203_20160227T052711_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T060614_20160227T060946_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T071826_20160227T071855_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T101237_20160227T102028_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T122033_20160227T122120_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T162746_20160227T164852_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T165053_20160227T165453_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T165453_20160227T165557_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T165708_20160227T165854_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T170525_20160227T170612_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T202230_20160227T202236_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T203621_20160227T203901_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T222040_20160227T223256_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T233443_20160227T233642_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T233822_20160227T233939_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160227T234540_20160227T235230_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.

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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_GOP_2_20160227T002009_20160227T002721_B001	Fotal Geocentric Ocean Tide (FES), Non-	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_220160227T002844_20160227T003059_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220160227T003610_20160227T004331_B001	Fotal Geocentric Ocean Tide (FES), Non-	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_220160227T005730_20160227T010055_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide more records	
CS_OFFL_SIR_GOP_220160227T023608_20160227T023719_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for on- more records	
CS_OFFL_SIR_GOP_220160227T040211_20160227T040331_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	e or
CS_OFFL_SIR_GOP_220160227T095102_20160227T100853_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	e or
CS_OFFL_SIR_GOP_220160227T102822_20160227T103511_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for on- more records	e or
CS_OFFL_SIR_GOP_220160227T110354_20160227T111532_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	e or
CS_OFFL_SIR_GOP_220160227T114521_20160227T114700_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for on- more records	e or
CS_OFFL_SIR_GOP_220160227T123225_20160227T123712_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	e or
CS_OFFL_SIR_GOP_220160227T134622_20160227T135354_B001	Total Geocentric Ocean Tide (GOT), There is an error with the Total Geocentric Ocean Tide height (soluti) Total Geocentric Ocean Tide (FES), Non-GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide Tide height for one or more records	an
CS_OFFL_SIR_GOP_220160227T144822_20160227T151621_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	
CS_OFFL_SIR_GOP_220160227T152438_20160227T152604_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	
CS_OFFL_SIR_GOP_220160227T170525_20160227T170611_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	
CS_OFFL_SIR_GOP_220160227T183510_20160227T183714_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for on- more records	
CS_OFFL_SIR_GOP_220160227T183920_20160227T184056_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	
CS_OFFL_SIR_GOP_220160227T221708_20160227T221832_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for on- more records	
CS_OFFL_SIR_GOP_220160227T233443_20160227T233642_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide height (soluti FES) and the Non-equilibrium Long Period Ocean Tide height for one more records	
CS_OFFL_SIR_GOP_220160227T233822_20160227T233939_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide FES) and the Non-equilibrium Long Period Ocean Tide height for one 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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20160227T140104_20160227T143553_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.

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 29

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220160227T012321_20160227T012743_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T012750_20160227T012758_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T012805_20160227T012944_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T030136_20160227T030657_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T030703_20160227T031028_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T044125_20160227T044935_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T062104_20160227T062623_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T080200_20160227T080523_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T094235_20160227T094429_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T094714_20160227T094906_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T103632_20160227T104047_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T112120_20160227T112344_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T112414_20160227T112837_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T125906_20160227T130747_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T143825_20160227T144010_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOP_2_20160227T144112_20160227T144541_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T162028_20160227T162619_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T175934_20160227T180450_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T193815_20160227T193935_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T193942_20160227T194350_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T211314_20160227T211833_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T211834_20160227T211839_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T211839_20160227T211846_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T211846_20160227T211853_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T211853_20160227T212135_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T220122_20160227T220532_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T225230_20160227T225731_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T225738_20160227T225745_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160227T225745_20160227T225750_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.

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. 23

Number of products with errors:

CS_OFFL_SIR_GOP_2_20160227T012321_20160227T012743_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T012805_20160227T012944_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T030136_20160227T030128_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T044125_20160227T044935_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T062623_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T062623_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T094235_20160227T094235_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T094235_20160227T094429_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T104047_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_20160227T112040227T112344_B001Ice Backscatter Averaging StatusThe lice Backscatter Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_GOP_2_201602	Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_201602271012405_20160227103944_B001 ice Backscatter Averaging Status records. CS_OFFL_SIR_GOP_2_20160227T030136_20160227T0300657_B001 ice Backscatter Averaging Status The loe Backscatter Averaging Status The loe Backscatter Averaging Status Flag bacorads Flag backscatter Averaging Status </td <td>CS_OFFL_SIR_GOP_220160227T012321_20160227T012743_B001</td> <td>Ice Backscatter Averaging Status</td> <td></td>	CS_OFFL_SIR_GOP_220160227T012321_20160227T012743_B001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOP_2_20160227103013_2016022710303_B001 Ice Backscatter Averaging Status records. CS_OFFL_SIR_GOP_2_201602271041125_201602271044935_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_201602271062104_201602271062623_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_201602271062020_01602271062623_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_201602271084235_20160227108429_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_201602271094714_201602271094906_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_201602271103632_201602271104047_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227111214_201602271112344_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_201602271112344_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20	CS_OFFL_SIR_GOP_2_20160227T012805_20160227T012944_B001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOP_2_20160227103005_201602271031028_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T060220_20160227T080523_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T080200_20160227T080523_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T080200_20160227T080523_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T080202_0160227T08429_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T094235_20160227T104429_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T103632_20160227T104047_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T11220_20160227T112344_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20160227T1125906_2017112345_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has bee	CS_OFFL_SIR_GOP_2_20160227T030136_20160227T030657_B001	Ice Backscatter Averaging Status	
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US DEEL SIR GOP Z ZUIbUZZTI 19394Z ZUIbUZZTI 19435U BUUI UCE BACKSCATTELAVERADING STATUS	CS_OFFL_SIR_GOP_220160227T162028_20160227T162619_B001	Ice Backscatter Averaging Status	
records.	CS_OFFL_SIR_GOP_220160227T193942_20160227T194350_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160227T211314_20160227T211833_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOP_2_20160227T211314_20160227T211833_B001	Ice Backscatter Averaging Status	
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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. 153 Number of products with errors: