

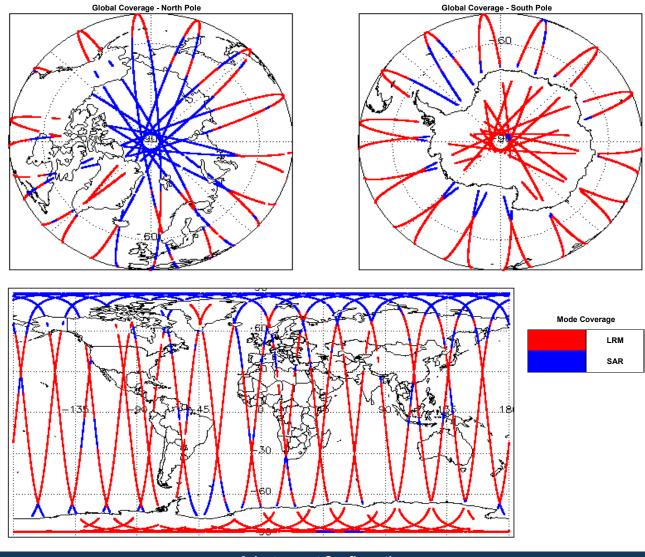
IDEAS+ Daily Report for GOP data:

<u>25/03/2016</u>

Report Production Date:	22-Apr-2016	Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used: Cryos	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal
	CryoSat Ocean Processor	Product Software Check	Nominal
Data Used:	Geophysical Ocean Products (GOP) L1B and L2 Science Data	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 4.6, 5.6, 5.7 and 5.8

25-Mar-2016	None
26-Mar-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 pre	-determined baseline and also to check the v	alidity 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 measureme	ent 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 n	neasurement record. The bit value of this flag	indicates any problems when set.
Number of products with errors: 0		
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag (field 65) for each measureme	ent record. The bit value of this flag indicates a	any problems when set.
oss of Echo Flag: This flag is currently set for products over land, but this is	to be expected.	
lumber of products with errors: 11		
roduct	Test Failed	Description
S_OFFL_SIR_GOP_1B_20160325T005155_20160325T010052_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T054646_20160325T055517_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T061246_20160325T062049_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T072204_20160325T072420_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T104759_20160325T105201_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T140405_20160325T140557_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T165114_20160325T165318_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T171129_20160325T171440_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T211221_20160325T212810_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T221210_20160325T221405_B001	Loss of Echo	The tracking echo is missing for one or more records
S_OFFL_SIR_GOP_1B_20160325T232035_20160325T235426_B001	Loss of Echo	The tracking echo is missing for one or more records
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5 60	P Level / Data (Juality Cr	
5.1 L2 Product Format Check	OP Level 2 Data Quality Ch	
5.1 L2 Product Format Check		
5.1 L2 Product Format Check Each product, retrieved and unpacked from the science server, is checked to e Number of products with errors: 0	ensure it consists of both an XML header file (HDR) and a product file (.DBL).
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5.1 L2 Product Format Check Each product, retrieved and unpacked from the science server, is checked to end unber of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH and unber 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 Vind Model File Usage: This file is currently not included in all L2 products. Humber of products with errors: 0 5.4 L2 Auxiliary Correction Error Check For all products, the auxiliary corrections within the Geophysical Group are che Currently, there are two common auxiliary correction errors raised in the ollowed by a table highlighting any additional issues which may arise from Sea State Bias Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The error value is currently set for products over land ar Witmetric Wind Speed Error: The	I SPH in order to identify any inconsistencies a edetermined baseline and also to check the v cked for the default error value (32767). Level 2 products which are expected due on this test. and sea ice, but this is to be expected. ar land and sea ice, but this is to be expected. ar land and sea ice, but this is to be expected. ar land and sea ice, but this is to be expected. ar land and sea ice, but this is to be expected. ar land and sea ice, but this is to be expected. brotal Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total Geocentric Ocean Tide (FES), No Equilibrium Long Period Ocean Tide Total G	HDR) and a product file (.DBL). and/or errors raised by the ground-segment processing chain. alidity of Auxiliary Data Files is correct. alidity of Auxiliary Data Files is correct. bescription There is an error with the Total Geocentric Ocean Tide height (solution 2 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2 FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records 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 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 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 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 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 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 There is an error with the Total Geocentric Ocean Tide height (solution 2 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2 FES) and the Non-equilibrium
5.1 L2 Product Format Check Each product, retrieved and unpacked from the science server, is checked to endumber of products with errors: 0 5.2 L2 Product Header Analysis For all products, a series of pre-defined checks are performed on the MPH and Aumber 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 prevent of products with errors: 0 5.4 L2 Auxiliary Correction Error Check Each products, the auxiliary corrections within the Geophysical Group are check Corrently, there are two common auxiliary correction errors raised in the collowed by a table highlighting any additional issues which may arise for Sea State Bias Error: The error value is currently set for products over land ar Mimetric Wind Speed Error: The error value is currently set for products over land ar Mimetric Wind Speed Error: The error value is currently set for products over land ar Mimetric Sing GOP_2_20160325T014911_20160325T015011_B001 CS_OFFL_SIR_GOP_2_20160325T041736_20160325T041932_B001 CS_OFFL_SIR_GOP_2_20160325T090537_20160325T091232_B001 CS_OFFL_SIR_GOP_2_20160325T110114_20160325T110823_B001 CS_OFFL_SIR_GOP_2_20160325T110114_20160325T110823_B001	I SPH in order to identify any inconsistencies a cleatermined baseline and also to check the v cleatermined basel	HDR) and a product file (.DBL). and/or errors raised by the ground-segment processing chain. alidity of Auxiliary Data Files is correct. alidity of Auxiliary Data Files is correct. Description There is an error with the Total Geocentric Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 2 FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records There is an error with the Total Geocentric Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and the Non-equilibrium Long Period Ocean Tide height (solution 1 FES) and

CS OFFL SIR GOF	2	20160325T235426	20160325T235643	B001

5.5 L2 Measurement Confidence Data Check

Total Geocentric Ocean Tide (GOT),

Total Geocentric Ocean Tide (FES), Non-GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Equilibrium Long Period Ocean Tide

Total Geocentric Ocean Tide (FES), Non-Equilibrium Long Period Ocean Tide more records more records There is an error with the Total Geocentric Ocean Tide height (solution 1:

Tide height for one or more records

CS_OFFL_SIR_GOP_2__20160325T235643_20160325T235731_B001

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:

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. 34

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220160325T000040_20160325T000508_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T000529_20160325T000706_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T013901_20160325T014409_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T014428_20160325T014753_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T031847_20160325T032323_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T032325_20160325T032659_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T045827_20160325T050348_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T063910_20160325T064247_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T082000_20160325T082153_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T082445_20160325T082628_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T095845_20160325T100108_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T100139_20160325T100602_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T113632_20160325T114512_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T131548_20160325T131736_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T131835_20160325T132308_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T145752_20160325T150344_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T163659_20160325T164215_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T181541_20160325T181659_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T181700_20160325T181707_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T181707_20160325T182114_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T195041_20160325T195558_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T195558_20160325T195604_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T195604_20160325T195610_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T195611_20160325T195618_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T195618_20160325T195904_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T203854_20160325T204253_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T212953_20160325T213455_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T213503_20160325T213509_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T213509_20160325T213515_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T213515_20160325T213527_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T213534_20160325T213658_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T230906_20160325T231406_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T231431_20160325T231440_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T231448_20160325T231553_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

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. 28

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220160325T000040_20160325T000508_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T000529_20160325T000706_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T013901_20160325T014409_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T014428_20160325T014753_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T031847_20160325T032323_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T032325_20160325T032659_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T045827_20160325T050348_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T063910_20160325T064247_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T082000_20160325T082153_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T082445_20160325T082628_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T095845_20160325T100108_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T100139_20160325T100602_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T113632_20160325T114512_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T131548_20160325T131736_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T131835_20160325T132308_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T145752_20160325T150344_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T163659_20160325T164215_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T181707_20160325T182114_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T195041_20160325T195558_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160325T195558_20160325T195604_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T195604_20160325T195610_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T195618_20160325T195904_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T203854_20160325T204253_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T213509_20160325T213515_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T213534_20160325T213658_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T230906_20160325T231406_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T231431_20160325T231440_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160325T231448_20160325T231553_B001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
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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.

Number of products with errors:

154