

IDEAS+ Daily Report for GOP data:

<u>16/11/2018</u>

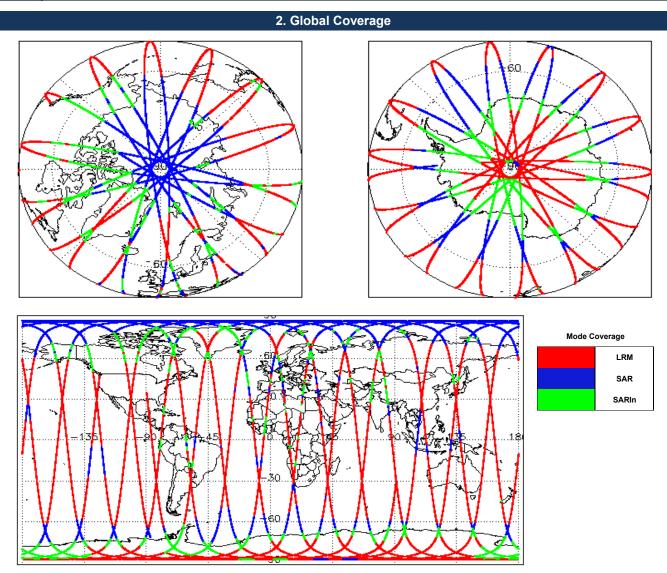


port Production:	17-Dec-2018	Check	L1 & L2	P2P
port Production.	17-Dec-2018	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
rocessor Used:	CrucSat Occan Brassaar	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Tocessor Useu.	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	Product Format Check	Nominal	Nominal
Data Useu.		Product Header Analysis	See Section 5.2	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	Nominal	Nominal
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
		Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

15-Nov-2018 SIRAL unavailability on 15-Nov-2018 from 08:33:44 to 10:19:43 due to a planned orbit manoeuvre.

16-Nov-2018 None

17-Nov-2018 Nothing planned



3. Instrument Configuration

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

SIRAL - A

0

SIRAL instrument(s) in use:

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 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-dete Number of products with errors: 0	ermined baseline and also to check the val	lidity of Auxiliary Data Files is correct.			
4.4 L1B Auxiliary Correction Error Check					
CryoSat L1B data includes a correction error flag 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 for each measurement Attitude Correction Missing: This flag is currently set in error for GOPR products Number of products with errors: 1	-				
Product	Test Failed	Description			
CS_OFFL_SIR_GOPM1B_20181116T043332_20181116T043706_C001	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 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 some products over land, but this is to be expected.

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Number of products with errors:

Test Failed	Description
Loss of Echo	The tracking echo is missing for one or more records
Loss of Echo	The tracking echo is missing for one or more records
Loss of Echo	The tracking echo is missing for one or more records
Loss of Echo	The tracking echo is missing for one or more records
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Loss of Echo	The tracking echo is missing for one or more records
Loss of Echo	The tracking echo is missing for one or more records
Loss of Echo	The tracking echo is missing for one or more records
	Loss of Echo Loss of Echo

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 binary product file (.DBL). 0

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: 1

Product	Test Failed			
CS_OFFL_SIR_GOPR_2_20181116T160553_20181116T160559_C001	Percentage of processing errors	detected greater than minimum acceptable threshold.		
5.3 L2 Auxiliary Data File Usage Check				
Each product is checked for missing Data Set Descriptors with respect to a pre-de	etermined baseline and also to check the va	alidity of Auxiliary Data Files is correct.		
Number of products with errors: 0				
5.4 L2 Auxiliary Correction Error Check				
For all products, the auxiliary corrections within the Geophysical Group are check	ted for the default error value (32767).			
Number of products with errors: 0				
5.5 L2 Measurement Confidence Data Check				
5.5 Lz measurement connuence Data check				
CryoSat L2 data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.				
Number of products with errors: 1				
Product	Test Failed	Description		
CS OFFL SIR GOPM 2 20181116T043331 20181116T043706 C001	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 and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

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

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 79

Number of products with errors:

Partial Partial <t< th=""><th></th><th></th><th></th></t<>			
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Carl, San, Carl, San, Cork, Jan Human, San, Jan Human, Jan Human, Hang, Janang Yaon, Human, Jan Human, Hum	CS_OFFL_SIR_GOPM_2_20181116T001642_20181116T001825_C001	Ice Range Averaging Status	records.
Corp. Lang, Corp. J., Dermitter State, 14:11:11:11:11:11:11:11:11:11:11:11:11:1	CS_OFFL_SIR_GOPM_2_20181116T002330_20181116T004818_C001	Ocean Range Averaging Status	
ac.off. B. (CoPU, 2011116100007, 2018111610007, 2018111610073, 20101 Core Name Averaging Status Cal., GPH, S. (CoPU, 2, 20181161070255, 201811161072552, 20181 Cal., GPH, S. (CoPU, 2, 20181161072552, 201811161072552, 20181 Cal., GPH, S. (CoPU, 2, 20181161072552, 201811161072552, 20181 Cal., GPH, S. (CoPU, 2, 20181161072552, 201811161725552, 20101 Cal., GPH, S. (CoPU, 2, 20181161072552, 20181116172552, 20101 Cal., GPH, S. (CoPU, 2, 20181161072552, 20181116172552, 20101 Cal., GPH, S. (CoPU, 2, 20181161072552, 20181116172552, 20101 Cal., GPH, S. (CoPU, 2, 20181161702552, 20181116172552, 20101 Cal., GPH, S. (CoPU, 2, 20181161702552, 20181116172552, 2011) Cal., GPH, S. (CoPU, 2, 20181161702552, 20181116172552, 2011) Cal., GPH, S. (CoPU, 2, 20181161702552, 201811161725520, 2011) Cal., GPH, S. (CoPU, 2, 20181161702552, 201811161755550, 2011) Cal., GPH, S. (CoPU, 2, 20181161705552, 201811161755550, 2011) Cal., GPH, S. (CoPU, 2, 20181161705552, 201811161755552, 2011) Cal., GPH, S. (CoPU, 2, 20181161705552, 201811161755552, 2011) Cal., GPH, S. (CoPU, 2, 20181161705552, 201811161755552, 2011) Cal., GPH, S. (CoPU, 2, 201811617075552, 20181161755552, 2011) Cal., GPH, S. (CoPU, 2, 201811617075552, 20181161755551, 2011) Cal., GPH, S. (CoPU, 2, 201811617075552, 20181161755571, 2011) Cal., GPH, S. (CoPU, 2, 20	CS_OFFL_SIR_GOPM_2_20181116T012300_20181116T014700_C001	Ocean Range Averaging Status	
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Count Angel Analysis Notes Count Angel Analysis Notes Notes Notes Notes Count Angel Analysis Notes Notes Notes Notes Notes Count Angel Analysis Notes	CS_OFFL_SIR_GOPM_2_20181116T020307_20181116T021334_C001	Ocean Range Averaging Status	
CS_0FF_SR_0PH_2015111670255_015111670255_0151 Ocean Range Averaging Status Find has been reformed mean control. CS_0FF_SR_00PH_20151111670255_015111670155_0011 Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_20151111670155_01111670155_0011 Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670155_01111670155_0011 Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670155_0111670155_0011 Ocean Range Averaging Status The Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670155_0111670155_0111 Ocean Range Averaging Status The Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670055_0111670051_0111 Ocean Range Averaging Status The Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670051_0111670051_0111 Ocean Range Averaging Status The Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670051_0111670051_0111 Ocean Range Averaging Status The Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670051_0111670051_0111 Ocean Range Averaging Status The Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_2015111670051_0111670052_0111 Ocean Range Averaging Status The Ocean Range Averaging Status Find has been reformed mean CS_0FF_SR_00PH_20151116707050_0111 Ocean Range Averaging Status The Ocean Range Averaging St	CS_OFFL_SIR_GOPM_2_20181116T021910_20181116T023429_C001	Ocean Range Averaging Status	
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CbFL_SR_GOPM_2_013111670333_2013111670339_C001 Loca Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_013111670439_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_013111670439_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_013111670439_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_013111670439_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_013111670439_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_013111670439_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_0131116706430_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_0131116706440_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_0131116706440_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_0131116707640_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_0131116707640_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_0131116707640_C001 Ocean Range Averaging Status The Cost Range Averaging Status CB_OFFL_SR_GOPM_2_0131116707670_C001	CS_OFFL_SIR_GOPM_2_20181116T032152_20181116T032610_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
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CS, OFFL, SR, COPM 2, 20181116704281_20181116705442, 0001 Oxan Range Averaging Status The Oxan Range Averaging Status CS, OFFL, SR, COPM 2, 201811167054152_0181116705430, 0001 Oxan Range Averaging Status The Oxan Range Averaging Status The Oxan Range Averaging Status CS, OFFL, SR, COPM 2, 20181116705430, 0001 Oxan Range Averaging Status The Oxan Range Averaging Status <td< td=""><td>CS OFFL SIR GOPM 2 20181116T034337 20181116T041539 C001</td><td>Ocean Range Averaging Status</td><td>The Ocean Range Averaging Status Flag has been set for one or more</td></td<>	CS OFFL SIR GOPM 2 20181116T034337 20181116T041539 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
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CS_OFFL_SIR_GOPM_2_20181116121352_201811161220845_C001 Ocean Range Averaging Status records. CS_OFFL_SIR_GOPM_2_201811161221207_201811161222815_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_2018111612232910_201811161223925_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20181116123332_201811161231717_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20181116123325_201811161232518_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20181116123325_201811161232518_C001 Ice Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20181116123325_201811161232518_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPN_2_201811161205404_201811161205457_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPN_2_201811161210841_201811161210931_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPR_2_20181116101414140_C001 Ocean Rang	CS_OFFL_SIR_GOPM_2_20181116T214107_20181116T214607_C001	Ice Range Averaging Status	
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CS_OFFL_SIR_GOPR_2_20181116T055742_20181116T060451_C001 Ocean Range Averaging Status The Ocean Range Averaging Status CS_OFFL_SIR_GOPR_2_20181116T141315_20181116T141440_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPR_2_20181116T141315_20181116T141440_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPR_2_20181116T141364_20181116T141440_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPN_2_20181116T205404_20181116T205457_C001	Ocean Range Averaging Status	
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CS_OFFL_SIR_GOPR_2_20181116T213846_20181116T213924_C001 Ocean Range Averaging Status The Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPR_2_20181116T055742_20181116T060451_C001	Ocean Range Averaging Status	records.
US DEEL SIR GUER Z ZU1811161Z13846 ZU1811161Z13924 GUU1 UCEAN RANGE AVERAGING STATUS	CS_OFFL_SIR_GOPR_2_20181116T141315_20181116T141440_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_GOPR_2_20181116T213846_20181116T213924_C001	Ocean Range Averaging Status	

5.7 L2 SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the Level 2 products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

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

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

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 81

Number of products with errors:

Product	Test Failed	Description
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T001202_20181116T001620_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T001627_20181116T001635_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T001642_20181116T001825_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T015011_20181116T015534_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOPM_2_20181116T025953_20181116T032131_C001 CS OFFL SIR GOPM 2 20181116T032152 20181116T032610 C001 CS_OFFL_SIR_GOPM_2_20181116T033003_20181116T033812_C001 CS_OFFL_SIR_GOPM_2_20181116T034337_20181116T041539_C001 CS_OFFL_SIR_GOPM_2_20181116T042831_20181116T042949_C001 CS_OFFL_SIR_GOPM_2_20181116T045419_20181116T045821_C001 CS OFFL SIR GOPM 2 20181116T045914 20181116T050405 C001 CS OFFL SIR GOPM 2 20181116T050941 20181116T051500 C001 CS_OFFL_SIR_GOPM_2_20181116T052152_20181116T054310_C001 CS_OFFL_SIR_GOPM_2_20181116T054555_20181116T055612_C001 CS_OFFL_SIR_GOPM_2_20181116T060655_20181116T061128_C001 CS_OFFL_SIR_GOPM_2_20181116T062718_20181116T063202_C001 CS OFFL SIR GOPM 2 20181116T063350 20181116T064402 C001 CS_OFFL_SIR_GOPM_2_20181116T065049_20181116T065400_C001 CS_OFFL_SIR_GOPM_2_20181116T070110_20181116T070553_C001 CS OFFL SIR GOPM 2 20181116T070600 20181116T073510 C001 CS_OFFL_SIR_GOPM_2_20181116T075016_20181116T075716_C001 CS_OFFL_SIR_GOPM_2_20181116T075734_20181116T082137_C001 CS OFFL SIR GOPM 2 20181116T083544 20181116T083748 C001 CS_OFFL_SIR_GOPM_2_20181116T084033_20181116T085729_C001 CS_OFFL_SIR_GOPM_2_20181116T085927_20181116T090857_C001 CS OFFL SIR GOPM 2 20181116T092503 20181116T092913 C001 CS_OFFL_SIR_GOPM_2_20181116T093028_20181116T094609_C001 CS OFFL SIR GOPM 2 20181116T095229 20181116T100408 C001 CS OFFL SIR GOPM 2 20181116T101249 20181116T101714 C001 CS OFFL SIR GOPM 2 20181116T101936 20181116T103357 C001 CS_OFFL_SIR_GOPM_2_20181116T103536_20181116T105020_C001 CS_OFFL_SIR_GOPM_2_20181116T112058_20181116T112601_C001 CS_OFFL_SIR_GOPM_2_20181116T112806_20181116T114409_C001 CS OFFL SIR GOPM 2 20181116T114740 20181116T115626 C001 CS_OFFL_SIR_GOPM_2_20181116T115925_20181116T122103_C001 CS_OFFL_SIR_GOPM_2_20181116T125820_20181116T132258_C001 CS OFFL SIR GOPM 2 20181116T132949 20181116T133418 C001 CS_OFFL_SIR_GOPM_2_20181116T133904_20181116T140302_C001 CS_OFFL_SIR_GOPM_2_20181116T143138_20181116T144604_C001 CS OFFL SIR GOPM 2 20181116T145141 20181116T150055 C001 CS_OFFL_SIR_GOPM_2_20181116T150905_20181116T151456_C001 CS OFFL SIR GOPM 2 20181116T151819 20181116T153727 C001 CS OFFL SIR GOPM 2 20181116T153753 20181116T154213 C001 CS_OFFL_SIR_GOPM_2_20181116T155358_20181116T155501_C001 CS_OFFL_SIR_GOPM_2_20181116T160723_20181116T164101_C001 CS OFFL SIR GOPM 2 20181116T164811 20181116T165327 C001 CS_OFFL_SIR_GOPM_2_20181116T170009_20181116T170300_C001 CS_OFFL_SIR_GOPM_2_20181116T173048_20181116T173449_C001 CS_OFFL_SIR_GOPM_2_20181116T174608_20181116T175612_C001 CS_OFFL_SIR_GOPM_2_20181116T175858_20181116T182017_C001 CS OFFL SIR GOPM 2 20181116T182649 20181116T182812 C001 CS_OFFL_SIR_GOPM_2_20181116T182819_20181116T183227_C001 CS_OFFL_SIR_GOPM_2_20181116T183747_20181116T184733_C001 CS OFFL SIR GOPM 2 20181116T184921 20181116T185638 C001 CS_OFFL_SIR_GOPM_2_20181116T185722_20181116T190154_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status

Ice Backscatter Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records.

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

The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CS_OFFL_SIR_GOPM_2_20181116T192346_20181116T195911_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T200148_20181116T200710_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T200730_20181116T201009_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T201812_20181116T203041_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T203050_20181116T204822_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T204942_20181116T205404_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T210542_20181116T210841_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T210931_20181116T212130_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T212334_20181116T213846_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T214107_20181116T214607_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T215523_20181116T220548_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T221207_20181116T222815_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T230332_20181116T231717_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T232022_20181116T232518_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T232543_20181116T232553_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181116T233259_20181117T000629_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20181116T205404_20181116T205457_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20181116T210841_20181116T210931_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181116T055742_20181116T060451_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181116T141315_20181116T141440_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181116T213846_20181116T213924_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below. Number of products with errors: 63

6. GOP L2 Pole-to-Pole Data Quality Check

6.1 P2P 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 NetCDF product file (.nc). Number of products with errors: 0

6.2 P2P 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:

6.3 P2P Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). 0

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Number of products with errors:

6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20181116T042430_20181116T051409_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Range Measurement Check

CryoSat P2P data includes an Ocean and Ice Range Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are two common status flags raised in the P2P 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. 30

Number of products with errors:

Product	Test Failed	Description
	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_2_20181116T010603_20181116T015542_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T015542_20181116T024517_C001	Ocean Range Averaging Status Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T024517_20181116T033456_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T033456_20181116T042430_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T042430_20181116T051409_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T051409_20181116T060344_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T060344_20181116T065323_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T065323_20181116T074257_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T074257_20181116T083236_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T083236_20181116T092211_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T092211_20181116T101150_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T101150_20181116T110124_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T110124_20181116T115104_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T115104_20181116T124038_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T124038_20181116T133017_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T133017_20181116T141951_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T141951_20181116T150931_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T150931_20181116T155905_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T155905_20181116T164844_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T164844_20181116T173819_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T173819_20181116T182758_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T182758_20181116T191732_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T191732_20181116T200711_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T200711_20181116T205646_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T205646_20181116T214625_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T214625_20181116T223559_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T223559_20181116T232539_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T232539_20181117T001513_C002	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the P2P 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. 30

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220181115T232649_201811116T001629_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T001629_20181116T010603_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T010603_20181116T015542_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T015542_20181116T024517_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T024517_20181116T033456_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T033456_20181116T042430_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T042430_20181116T051409_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T051409_20181116T060344_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T060344_20181116T065323_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T065323_20181116T074257_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_2_20181116T074257_20181116T083236_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T083236_20181116T092211_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T092211_20181116T101150_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T101150_20181116T110124_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T110124_20181116T115104_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T115104_20181116T124038_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T124038_20181116T133017_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T133017_20181116T141951_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T141951_20181116T150931_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T150931_20181116T155905_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T155905_20181116T164844_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T164844_20181116T173819_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T173819_20181116T182758_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T182758_20181116T191732_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T191732_20181116T200711_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T200711_20181116T205646_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T205646_20181116T214625_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T214625_20181116T223559_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220181116T223559_20181116T232539_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20181116T232539_20181117T001513_C002	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

Cryosat P2P 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: 28

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20181116T001629_20181116T010603_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T010603_20181116T015542_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T015542_20181116T024517_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T024517_20181116T033456_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T033456_20181116T042430_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T042430_20181116T051409_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T051409_20181116T060344_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T060344_20181116T065323_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T065323_20181116T074257_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T074257_20181116T083236_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T083236_20181116T092211_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T092211_20181116T101150_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T101150_20181116T110124_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T110124_20181116T115104_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T115104_20181116T124038_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T124038_20181116T133017_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T133017_20181116T141951_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T141951_20181116T150931_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220181116T150931_20181116T155905_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T155905_20181116T164844_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T164844_20181116T173819_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T173819_20181116T182758_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T182758_20181116T191732_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T191732_20181116T200711_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T200711_20181116T205646_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T205646_20181116T214625_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T214625_20181116T223559_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181116T232539_20181117T001513_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.