



1. Overview

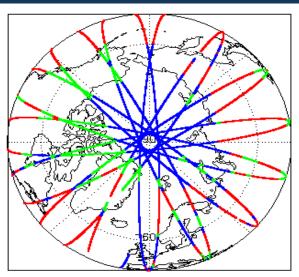
Report Production:	05-Jan-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

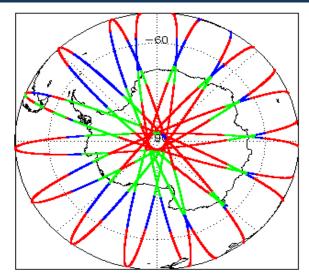
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
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

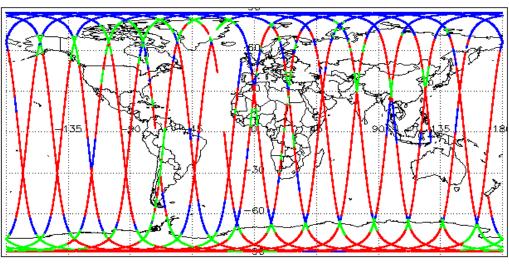
wission / instrument news		
06-Dec-2017		
07-Dec-2017	None	

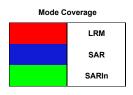
08-Dec-2017 Nothing planned

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 binary product file (.DBL).

Number of products with errors:

0

4.2 L1B Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain.

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

CryoSat L1B data includes a correction error flag for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

- (

4.5 L1B Measurement Confidence Data Check

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

Number of products with errors:

60

Product	Test Failed	Description
CS_OFFL_SIR_GOPR1B_20171207T002752_20171207T003432_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T004453_20171207T004639_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T012032_20171207T012042_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T012302_20171207T012358_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T012452_20171207T012914_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T012914_20171207T013023_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T015341_20171207T015442_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T030249_20171207T030506_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T044229_20171207T044841_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T045424_20171207T045638_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T053009_20171207T053123_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T061956_20171207T062218_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T062234_20171207T062333_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T062405_20171207T062836_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T072237_20171207T072339_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T075815_20171207T075931_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T084726_20171207T085055_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T090127_20171207T090317_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T090756_20171207T091154_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T092839_20171207T093009_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T110856_20171207T110932_C001	Attitude correction missing	The attitude has not been corrected
CS OFFL SIR GOPR1B 20171207T111059 20171207T111220 C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T111358_20171207T111830_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T111833_20171207T112108_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T112216_20171207T113206_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T120554_20171207T120731_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T121337_20171207T121343_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T125639_20171207T125656_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T131052_20171207T131158_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T135248_20171207T135254_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T135646_20171207T140104_C001	Attitude correction missing	The attitude has not been corrected
CS OFFL SIR GOPR1B 20171207T140104 20171207T140341 C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T141619_20171207T141827_C001	Attitude correction missing	The attitude has not been corrected
CS OFFL SIR GOPR1B 20171207T144046 20171207T144758 C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T150715_20171207T150951_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T160717_20171207T160733_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T160949_20171207T161039_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T161202_20171207T161418_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T161430_20171207T161513_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T164017_20171207T164459_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T164507_20171207T164659_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T175752_20171207T180628_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T184240_20171207T184340_C001	Attitude correction missing	The attitude has not been corrected
CS OFFL SIR GOPR1B 20171207T185505 20171207T185722 C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T190818_20171207T191354_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T193444_20171207T194224_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T194444_20171207T194224_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_201712071194237_201712071194346_C001 CS_OFFL_SIR_GOPR1B_20171207T211207_20171207T211242_C001	Attitude correction missing	The attitude has not been corrected The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_201712071217207_201712071217242_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR16_201712071212732_201712071212606_C001 CS_OFFL_SIR_GOPR18_20171207T213445_20171207T213522_C001	-	
CS_OFFL_SIR_GOPR16_201712071213445_201712071213522_C001 CS_OFFL_SIR_GOPR18_20171207T215943_20171207T220256_C001	Attitude correction missing	The attitude has not been corrected The attitude has not been corrected
CS_OFFL_SIR_GOPR16_201712071215943_201712071220256_C001 CS_OFFL_SIR_GOPR18_20171207T221251_20171207T221617_C001	Attitude correction missing	The attitude has not been corrected The attitude has not been corrected
	Attitude correction missing	
CS_OFFL_SIR_GOPR1B_20171207T223755_20171207T224040_C001	Attitude correction missing	The attitude has not been corrected

CS_OFFL_SIR_GOPR1B_20171207T225938_20171207T230113_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T230145_20171207T230150_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T230620_20171207T230931_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T230945_20171207T230955_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T232645_20171207T232832_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171207T235215_20171207T235531_C001	Attitude correction missing	The attitude has not been corrected

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 products over land, but this is to be expected.

Number of products with errors:

23

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20171207T081525_20171207T084726_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20171207T215227_20171207T215304_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T030921_20171207T031032_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T031155_20171207T031404_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T045113_20171207T045321_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T062333_20171207T062405_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T071947_20171207T072236_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T081043_20171207T081525_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T093010_20171207T093114_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T130019_20171207T130132_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T143959_20171207T144046_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T153326_20171207T153857_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T153901_20171207T153936_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T161513_20171207T161929_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171207T213240_20171207T213444_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T020817_20171207T021401_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T045106_20171207T045113_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T084726_20171207T085055_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T094157_20171207T094944_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T102712_20171207T103018_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T175752_20171207T180628_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T194529_20171207T194640_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171207T213445_20171207T213522_C001	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 binary product file (.DBL).

Number 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 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.

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).

Number of products with errors:

5.5 L2 Measurement Confidence 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:

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.

Number of products with errors:

78

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20171207T000501_20171207T000927_C001	IUcean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

		The Ocean Pange Averaging Status Flag has been get for one or more
CS_OFFL_SIR_GOPM_2_20171207T001017_20171207T002752_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T004639_20171207T011726_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T013526_20171207T015341_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T015442_20171207T020817_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T021637_20171207T021836_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T021954_20171207T022339_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T024301_20171207T025224_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T031033_20171207T031155_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T031434_20171207T031702_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T031811_20171207T033142_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T034743_20171207T034904_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T035028_20171207T035052_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T035450_20171207T040240_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T040521_20171207T042004_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T045802_20171207T053009_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20171207T053313 20171207T053526 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T053542_20171207T054132_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T054500_20171207T060946_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T064151_20171207T065222_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T065758_20171207T070818_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T072339_20171207T075059_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T075932_20171207T080122_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T081525_20171207T084726_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T085434_20171207T090012_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T090317_20171207T090756_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20171207T093911_20171207T094104_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T095356_20171207T102711_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T103337_20171207T103850_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T104327_20171207T110037_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T113206_20171207T120553_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T121343_20171207T121754_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T122238_20171207T123823_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T125031_20171207T125619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T125819_20171207T130019_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T131158_20171207T132313_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T132754_20171207T132927_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T132929_20171207T134513_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T134716_20171207T135235_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T140341_20171207T141613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T141827_20171207T143543_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T145745_20171207T150647_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T150951_20171207T152405_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T152641_20171207T153146_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T153210_20171207T153326_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T153936_20171207T154130_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T155949_20171207T160204_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171207T160327_20171207T160717_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20171207T164659 20171207T170313 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201712017104039_2017120171710315_C001 CS_OFFL_SIR_GOPM_2_201712077170633_201712077171102_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201712017170035_2017120171717102_C001 CS_OFFL_SIR_GOPM_2_201712077171736_201712077175159_C001		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171201717736_201712017176159_C001 CS_OFFL_SIR_GOPM_2_201712077181717_201712077184239_C001	Ocean Range Averaging Status Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
55_5.1 5_011_55.1 m_E_2011 12011 1011 11 _2011 12011 104239_0001	Securitariye Averaging Status	records.

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CS_OFFL_SIR_GOPM_2_20171207T184456_20171207T185016_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T185722_20171207T190818_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T191354_20171207T192858_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T195444_20171207T202127_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T202441_20171207T203253_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T203738_20171207T211034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T212324_20171207T212533_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T215426_20171207T215943_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T221617_20171207T223754_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T224040_20171207T225022_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T230150_20171207T230608_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T232158_20171207T232644_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T232832_20171207T233856_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T234501_20171207T234842_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T235531_20171208T000045_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171207T152455_20171207T152641_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171207T202917_20171207T202919_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T030506_20171207T030921_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T045106_20171207T045113_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T062405_20171207T062836_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T075815_20171207T075931_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T094157_20171207T094944_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T161202_20171207T161418_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T170314_20171207T170402_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171207T203409_20171207T203738_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
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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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20171207T000501_20171207T000927_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_20171207T001017_20171207T002752_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_20171207T004639_20171207T011726_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_20171207T013526_20171207T015341_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_20171207T015442_20171207T020817_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_20171207T021637_20171207T021836_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T021954_20171207T022339_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T024301_20171207T025224_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_20171207T031033_20171207T031155_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T031811_20171207T033142_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_20171207T035450_20171207T040240_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T040521_20171207T042004_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_20171207T045802_20171207T053009_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_20171207T053313_20171207T053526_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T053542_20171207T054132_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171207T054500_20171207T060946_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_20171207T064151_20171207T065222_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

SO, CHT_SIR_COMS_20171207T0582_0711207T0592_001 SO_CHT_SIR_COMS_20171207T0592_0711207T0592_001 SO_CHT_SIR_COMS_20171207T0592_0711207T15920_001 SO_CHT_SIR_COMS_20171207T0592_0711207T15920_001 SO_CHT_SIR_COMS_20171207T0592_0711207T15920_001 SO_CHT_SIR_COMS_20171207T15939_0711207T15939_001 SO_CHT_SIR_COMS_20171207	CS_OFFL_SIR_GOPM_2_20171207T065758_20171207T070818_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_CFFL_SIR_COPNL_2017127109312_20171207100312_C011 CS_CFFL_SIR_COPNL_2017127109312_20171207100312_C011 CS_CFFL_SIR_COPNL_2017127100312_D0171207100312_C011 CS_CFFL_SIR_COPNL_2017127100312_D0171207100312_C011 CS_CFFL_SIR_COPNL_2017127100312_D0171207100312_C011 CS_CFFL_SIR_COPNL_2017127100312_D0171207100312_C011 CS_CFFL_SIR_COPNL_2017127100312_D0171207100312_C011 CS_CFFL_SIR_COPNL_2017127100312_D0171207100312_C011 CS_CFFL_SIR_COPNL_20171271100312_D0171207100312_C011 CS_CFFL_SIR_COPNL_20171271100312_D01712071100312_C011 CS_CFFL_SIR_COPNL_20171271100312_D01712071100312_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100312_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711110031_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711110032_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711110032_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711110032_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711110032_D0171207110031_C011 CS_CFFL_SIR_COPNL_20171271110032_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711110032_D0171207110031_C011 CS_CFFL_SIR_COPNL_20171271110032_D0171207110031_C011 CS_CFFL_SIR_COPNL_201712711100		Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
S. OFF., SIR GONUL_20171297198102, 20171007108472, COID S. OFF., SIR GONUL_20171297198102, 20171007108472, COID S. OFF., SIR GONUL_20171297198102, 20171007108472, COID S. OFF., SIR GONUL_20171297198810, 2017100710710071007100710071007100710071			
Section of the control of the contro		Backscatter Averaging Status	more records.
Restaurchit Averaging Status CR. CPFL_SIR, COPPL_2.0111207109317_2011207109310_001 CR. CPFL_SIR, COPPL_2.0111207109312_0111207109310_001 CR. CPFL_SIR, COPPL_2.0111207109312_0111207109310_001 CR. CPFL_SIR, COPPL_2.0111207109312_01112071109310_001 CR. CPFL_SIR, COPPL_2.01112071109312_01112071109310_001 CR. CPFL_SIR, COPPL_2.0111207110932_01112071109310_001 CR. CPFL_SIR, COPPL_2.0111207110932_0111207112090_001 CR. CPFL_SIR, COPPL_2.0111207110932_0111207112090_001 CR. CPFL_SIR, COPPL_2.0111207112090_001 CR. CPFL_SIR,	CS_OFFL_SIR_GOPM_2_20171207T075932_20171207T080122_C001	Backscatter Averaging Status	more records.
Experience of the discontinum process of the standard reversing Status. Dean Status of the standard reversing Status of the standard reversing Status. Dean Status of the standard reversing Status of the standard reversing Status. Dean Status of the standard reversing Status of the sta	CS_OFFL_SIR_GOPM_2_20171207T081525_20171207T084726_C001		more records.
Backscatter Averaging Status Copper Set (1997) A 2017/2007/1009/11/2007/1007/11/2009 Copper Set (1997) A 2017/2007/1009/2007/2007/1007/11/2009 Copper Set (1997) A 2017/2007/1009/2007/2007/2009/2009/2009/2009/2009/2	CS_OFFL_SIR_GOPM_2_20171207T085434_20171207T090012_C001		records.
Backscatter Averaging Status Fig. OFFL, SR, GOPM 2, 2917/207110939 2917/207110939 2011 SC, OFFL, SR, GOPM 2, 2917/2071110939 2917/207110939 2001 SC, OFFL, SR, GOPM 2, 2917/2071110939 2917/207110019 2001 SC, OFFL, SR, GOPM 2, 2917/2071110939 2917/207110019 2001 SC, OFFL, SR, GOPM 2, 2917/2071110939 2011/207110019 2001 SC, OFFL, SR, GOPM 2, 2917/2071110939 2917/207110019 2001 SC, OFFL, SR, GOPM 2, 2917/2071110019 2011/207110019 2001 SC, OFFL, SR, GOPM 2, 2917/2071110019 2011/207110019 2001 SC, OFFL, SR, GOPM 2, 2917/207110019 2011/207110019 2001 SC, OFFL, SR, GOPM 2, 2917/207110019 2011/207110010 2001 SC, OFFL, SR, GOPM 2, 2917/207110010 2011/2001 2001 SC, OFFL, SR, GOPM 2, 2917/207110010 2011/2001 2001 SC, OFFL, SR, GOPM 2, 2917/207110010	CS_OFFL_SIR_GOPM_2_20171207T090317_20171207T090756_C001	Backscatter Averaging Status	
Beoscalar Averaging Status Cream SOFT, SIR COPM 2, 2017/1207110407 2017/1207110052 CO01 SOFT, SIR COPM 2, 2017/1207110403 2017/1207110052 CO01 SOFT, SIR COPM 2, 2017/1207110303 2017/1207112082 CO01 SOFT, SIR COPM 2, 2017/1207112031 2017/120712082 CO01 SOFT, SIR COPM 2, 2017/1207112031 2017/120713010 CO01 SOFT, SIR COPM 2, 2017/1207112031 2017/120713010 CO01 SOFT, SIR COPM 2, 2017/120711207113013 2017/120713010 CO01 SOFT, SIR COPM 2, 2017/120711207113013 CO01 SOFT, SIR COPM 2, 2017/1207113013 2017/120713010 CO01 SOFT, SIR COPM 2, 2017/1207113013 2017/120713010 CO01 SOFT, SIR COPM 2, 2017/1207113013 2017/120713010 CO01 SOFT, SIR COPM 2, 2017/1207113013 CO01 SOFT, SIR COPM 2, 2017/1207113013 CO01 SOFT, SIR COPM 2, 2017/120711403 CO01/12071604 CO01 SOFT, SIR COPM 2, 2017/120711403 CO01	CS_OFFL_SIR_GOPM_2_20171207T093911_20171207T094104_C001		
SO PHEL SIR, GOPM_2 2011/2011/19271 (2009) 2011/2011/2011/2039 (2011/2011/2011/2039 (2011/2011/2011/2039 (2011/2011/2011/2039 (2011/2011/2011/2039 (2011/2011/2011/2039 (2011/2011/2011/2039 (2011/2011/2011/2039 (2011/2011/2011/2011/2011/2011/2011/2011	CS_OFFL_SIR_GOPM_2_20171207T095356_20171207T102711_C001		
So. CFFL.SR. GOPM_2 2011/120711434_2011/2207113953_0001 So. CFFL.SR. GOPM_2 2011/1207112343_2011/22071123953_0001 So. CFFL.SR. GOPM_2 2011/1207112343_2011/22071123953_0001 So. CFFL.SR. GOPM_2 2011/1207112333_2011/2207112390_0001 So. CFFL.SR. GOPM_2 2011/2071120712033_0011/2207130010 So. CFFL.SR. GOPM_2 2011/2071120712033_0011/2207130010 So. CFFL.SR. GOPM_2 2011/2071120713039_0010 So. CFFL.SR. GOPM_2 2011/2071120713039_0011/207130390_001 So. CFFL.SR. GOPM_2 2011/2071120713039_0011/207130390_001 So. CFFL.SR. GOPM_2 2011/2071130390_0011/207130390_001 So. CFFL.SR. GOPM_2 2011/2071130390_0011/207130390_001 So. CFFL.SR. GOPM_2 2011/2071130390_001 So. CFFL.SR. GOPM_2 2011/2071130390_0011/207130390_001 So. CFFL.SR. GOPM_2 2011/2071130390_0011/207130390_001 So. CFFL.SR. GOPM_2 2011/20711307130001 So. CFFL.SR. GOPM_2 2011/207113071300001 So. CFFL.SR. GOPM_2 2011/2071130713000001 So. CFFL.SR. GOPM_2 2011/20711307130000001 So. CFFL.SR. GOPM_2 2011/2071130713000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20171207T103337_20171207T103850_C001	Ice Backscatter Averaging Status	
SC OFFL_SIR_COPM_2_20171207T13303_20171207T13782_0001 SC OFFL_SIR_COPM_2_20171207T13303_20171207T1382_0001 SC OFFL_SIR_COPM_2_20171207T13303_20171207T132302_0001 SC OFFL_SIR_COPM_2_20171207T133108_20171207T132303_0001 SC OFFL_SIR_COPM_2_20171207T133108_20171207T132303_0001 SC OFFL_SIR_COPM_2_20171207T131182_20171207T132303_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T1307T130016_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T1307T130016_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T1307T130016_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T1307T130016_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T130016_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T130016_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T130017_0001 SC OFFL_SIR_COPM_2_20171207T1307T1307T130016_0001 SC OFFL_SIR_COPM_2_20171207T130016_0001 SC OFFL_SIR_COPM_2_20171207T100037_20171207T150016_0001 SC OFFL_SIR_COPM_2_20171207T100037_20171207T100016_0001 SC OFFL_SIR_COPM_2_20171	CS_OFFL_SIR_GOPM_2_20171207T104327_20171207T110037_C001		
CS_OFFL_SIR_GOPM_2_20171207T123582_0019 SOFFL_SIR_GOPM_2_20171207T125619_20171207T135352_0019 SOFFL_SIR_GOPM_2_20171207T125619_20171207T1351525_0019 SOFFL_SIR_GOPM_2_20171207T135162_00171207T1351525_0019 SOFFL_SIR_GOPM_2_20171207T135162_00171207T135152_0019 SOFFL_SIR_GOPM_2_20171207T135162_00171207T135152_0019 SOFFL_SIR_GOPM_2_20171207T135162_00171207T135152_0019 SOFFL_SIR_GOPM_2_20171207T135162_00171207T135152_0019 SOFFL_SIR_GOPM_2_20171207T135162_00171207T135152_0019 SOFFL_SIR_GOPM_2_20171207T135162_00171207T13516_0019 SOFFL_SIR_GOPM_2_20171207T13516_0019 SOFFL_SIR_GOPM_2_20171207T1	CS_OFFL_SIR_GOPM_2_20171207T113206_20171207T120553_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
GS_OFFL_SIR_GOPM_2_201112071123581_2011207113510_COS SOFFL_SIR_GOPM_2_20111207113510_2011207113510_COS SOFFL_SIR_GOPM_2_20111207113510_2011207113510_COS SOFFL_SIR_GOPM_2_20111207113510_2011207113510_COS SOFFL_SIR_GOPM_2_20111207113510_COS SOFFL_SIR_GOPM_2_20111207110503_COS11207115030_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207115030_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207115030_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207115030_COS1 SOFFL_SIR_GOPM_2_2011120711207110503_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207110503_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207110503_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207110503_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207110503_COS1 SOFFL_SIR_GOPM_2_20111207110503_COS11207110503_COS1 SOFFL_SIR_GOPM_2_2011120711207110503_COS11207110503_COS11207110503_COS11207110503_COS11207110503_COS112071105	CS_OFFL_SIR_GOPM_2_20171207T121343_20171207T121754_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL_SIR_GOPM_2_20171207T195819_20171207T19519. SOFFL_SIR_GOPM_2_20171207T195829_20171207T19519. SOFFL_SIR_GOPM_2_20171207T137178_20171207T19519. SOFFL_SIR_GOPM_2_20171207T195829_20171207T1950647_20017207T195319. SOFFL_SIR_GOPM_2_20171207T195829_20171207T1950647_20017207T195319. SOFFL_SIR_GOPM_2_20171207T195891_20711207T1950647_20017207T195319. SOFFL_SIR_GOPM_2_20171207T195829_20171207T1950647_20017207T195319. SOFFL_SIR_GOPM_2_20171207T195891_20171207T195319. SOFFL_SIR_GOPM_2_20171207T195819_20171207T195319. SOFFL_SIR_GOPM_2_20171207T195819_20171207T195319. SOFFL_SIR_GOPM_2_20171207T195819_20171207T195339. SOFFL_SIR_GOPM_2_20171207T195329_20171207T195339. SOFFL_SIR_GOPM_2_20171207T195449_20171207T19559_2001 SOFFL_SIR_GOP	CS_OFFL_SIR_GOPM_2_20171207T122238_20171207T123823_C001		The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SIR_GOPM_2_20171207T152819_20171207T153453_C001 CS_OFFL_SIR_GOPM_2_20171207T15207T1	CS OFFL SIR GOPM 2 20171207T125031 20171207T125619 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
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SO OFFL_SIR_GOPM_2_20171207T149212_20171207T14513_CO01 SO OFFL_SIR_GOPM_2_20171207T14921_20171207T14513_CO01 SO OFFL_SIR_GOPM_2_20171207T14921_20171207T14513_CO01 SO OFFL_SIR_GOPM_2_20171207T14921_20171207T14513_CO01 SO OFFL_SIR_GOPM_2_20171207T14927_20171207T14513_CO01 SO OFFL_SIR_GOPM_2_20171207T14921_20171207T14513_CO01 SO OFFL_SIR_GOPM_2_20171207T14921_20171207T14513_CO01 SO OFFL_SIR_GOPM_2_20171207T15201_20171207T15206_CO01 SO OFFL_SIR_GOPM_2_20171207T15201_20171207T1533_CO01 SO OFFL_SIR_GOPM_2_20171207T15033_CO01 SO OFFL_SIR_GOPM_2_20171207T16032_7_2017207T15031_CO01 SO OFFL_SIR_GOPM_2_20171207T16032_7_20171207T15031_CO01 SO OFFL_SIR_GOPM_2_20171207T17033_CO01 SO OFFL_SIR_GOPM_2_20171207T1903_CO01 SO OFFL_SIR_GOPM_2_20171207T1903_CO01 SO OFFL_SIR_GOPM_2_20171207T1903_CO01 SO OFFL_S		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_201712071143716_2017120711435326_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20171207114376_201712071143543_C001 SWH Averaging Status SWH Averag			
CS_OFFL_SIR_GOPML_2_20171207T140341_20171207T140543_C001 SWH_Averaging Status, Coean Gackscatter Averaging Status Gackscatter Averaging			
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Scheel Service Scheel S	CS_OFFL_SIR_GOPM_2_20171207T141827_20171207T143543_C001	Backscatter Averaging Status	more records.
South Secret Averaging Status in the local Backscatter Averaging Status	CS_OFFL_SIR_GOPM_2_20171207T145745_20171207T150647_C001	Backscatter Averaging Status	more records.
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CS_OFFL_SIR_GOPM_2_20171207T21334_20171207T211034_C001 SWH Averaging Status, Ocean Backscatter Averaging Status			
CS_OFFL_SIR_GOPM_2_20171207T215426_20171207T215943_C001 CS_OFFL_SIR_GOPM_2_20171207T215426_20171207T215943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220402_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220402_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220402_20171207T2207522_C001 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter 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_20171207T215426_20171207T215943_C001 CS_OFFL_SIR_GOPM_2_20171207T215426_20171207T215943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T221617_20171207T223754_C001 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The lce Backscatter Averaging Status Flag has been set for one or more records. SWH 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 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.		Backscatter Averaging Status	more records.
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001 CS_OFFL_SIR_GOPM_2_20171207T221617_20171207T223754_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. The loe Backscatter Averaging Status Flag has been set for one or more records. The loe 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 SWH and Ocean Averaging Status Flags have been set for one or more records.		Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_201712071220422_201712071220943_C001 CS_OFFL_SIR_GOPM_2_201712071221617_201712071223754_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171207T215426_20171207T215943_C001		more records.
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_201712071221017_20171227134_C001 Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or	CS_OFFL_SIR_GOPM_2_20171207T220422_20171207T220943_C001		records.
	CS_OFFL_SIR_GOPM_2_20171207T221617_20171207T223754_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status infore records.	CS_OFFL_SIR_GOPM_2_20171207T224040_20171207T225022_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20171207T230150_20171207T230608_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_20171207T230150_20171207T230608_C001		
CS_OFFL_SIR_GOPM_2_20171207T232158_20171207T232644_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_20171207T232158_20171207T232644_C001		
CS_OFFL_SIR_GOPM_2_20171207T232832_20171207T233856_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171207T232832_20171207T233856_C001	SWH Averaging Status, Ocean	
CS_OFFL_SIR_GOPM_2_20171207T234501_20171207T234842_C001	CS_OFFL_SIR_GOPM_2_20171207T234501_20171207T234842_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201712077235531_20171208T000045_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or	CS_OFFL_SIR_GOPM_2_20171207T235531_20171208T000045_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPN_2_20171207T152655_20171207T152641_C001			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GORN_2_201712077202017_201712077202019_C001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPR_2_20171207T030506_20171207T030921_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPR_2_20171207T045106_20171207T045113_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	
Backscatter Averaging Status more records.	2-2-1-2-0.1.2-0.1.2-0.1.12-0.10-0.10-0.1	Backscatter Averaging Status	more records.

CS_OFFL_SIR_GOPR_2_20171207T062405_20171207T062836_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_20171207T075815_20171207T075931_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_20171207T094157_20171207T094944_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_20171207T161202_20171207T161418_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_20171207T170314_20171207T170402_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_20171207T203409_20171207T203738_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:

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:

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

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:

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.

Test Failed

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.

Number of products with errors:

Product

Froudct	163t i alleu	Description
CS_OFFL_SIR_GOP_220171206T234921_20171207T003857_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T003857_20171207T012835_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171207T012835_20171207T021810_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171207T021810_20171207T030748_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_220171207T030748_20171207T035724_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_220171207T044702_20171207T053637_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_220171207T053637_20171207T062615_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_220171207T062615_20171207T071551_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171207T071551_20171207T080529_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_220171207T080529_20171207T085505_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_220171207T085505_20171207T094443_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_220171207T094443_20171207T103418_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_220171207T135245_20171207T144223_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_220171207T144223_20171207T153159_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_220171207T153159_20171207T162137_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_220171207T162137_20171207T1711113_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_220171207T171113_20171207T180050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T180050_20171207T185026_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T194004_20171207T202940_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_20171207T211918_20171207T220853_C001		The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220171207T220853_20171207T225831_C001	ICicean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171207T225831_20171207T234807_C001		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

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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220171206T234921_20171207T003857_C002	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_220171207T003857_20171207T012835_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_20171207T012835_20171207T021810_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_220171207T021810_20171207T030748_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_220171207T030748_20171207T035724_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_220171207T044702_20171207T053637_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_20171207T053637_20171207T062615_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_20171207T062615_20171207T071551_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_220171207T071551_20171207T080529_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_220171207T080529_20171207T085505_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_20171207T085505_20171207T094443_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_20171207T094443_20171207T103418_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_220171207T135245_20171207T144223_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_220171207T144223_20171207T153159_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_220171207T153159_20171207T162137_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_220171207T162137_20171207T171113_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_220171207T171113_20171207T180050_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_220171207T180050_20171207T185026_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_20171207T194004_20171207T202940_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_20171207T211918_20171207T220853_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_20171207T220853_20171207T225831_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_220171207T225831_20171207T234807_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.

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:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220171206T234921_20171207T003857_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171207T003857_20171207T012835_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171207T012835_20171207T021810_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T021810_20171207T030748_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220171207T030748_20171207T035724_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T044702_20171207T053637_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T062615_20171207T071551_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T071551_20171207T080529_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T080529_20171207T085505_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T085505_20171207T094443_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T094443_20171207T103418_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T135245_20171207T144223_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T144223_20171207T153159_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T153159_20171207T162137_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T180050_20171207T185026_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T194004_20171207T202940_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T211918_20171207T220853_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171207T220853_20171207T225831_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171207T225831_20171207T234807_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.