



1. Overview

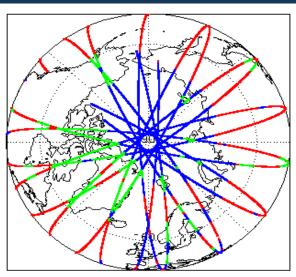
Report Production:	12-Jan-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

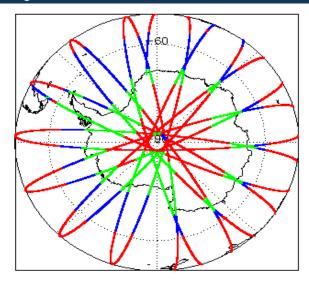
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary 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

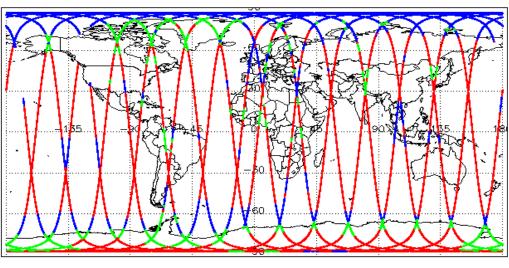
Mission / Instru	ment News
22-Nov-2017	None

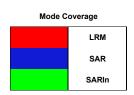
23-Nov-2017 None 24-Nov-2017 Nothing planned

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:

Λ

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:

55

Product CS_OFFI_SID_CORD4B_20171123T000728_20171123T000020_C001	Test Failed Attitude correction missing	Description The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T000728_20171123T000929_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T001248_20171123T001921_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T002110_20171123T002125_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T003439_20171123T003626_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T014014_20171123T014133_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T014624_20171123T014739_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T015128_20171123T015208_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T022408_20171123T023111_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T024209_20171123T024303_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T031949_20171123T032459_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T042127_20171123T042221_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T043634_20171123T043813_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T045946_20171123T050111_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T050132_20171123T050552_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T052054_20171123T052214_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T054639_20171123T054829_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T060042_20171123T060213_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T064108_20171123T064515_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T072529_20171123T072806_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T081035_20171123T081041_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T091847_20171123T092054_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T094423_20171123T094708_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T095246_20171123T095332_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T095455_20171123T095534_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T095910_20171123T100657_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T100809_20171123T100834_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T112928_20171123T112941_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T113008_20171123T113034_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T113034_20171123T113318_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T113423_20171123T113532_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T122246_20171123T122446_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T123044_20171123T123051_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T130430_20171123T130551_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T131345_20171123T131419_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T131840_20171123T132611_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T140158_20171123T140255_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T140943_20171123T140949_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T140955_20171123T141002_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T141409_20171123T142048_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T145748_20171123T150311_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T154854_20171123T154900_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T171957_20171123T172059_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T180317_20171123T180331_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T181508_20171123T182015_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T194154_20171123T194222_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T203757_20171123T204003_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T213118_20171123T213851_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T213901_20171123T214018_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T215101_20171123T215342_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T221434_20171123T222002_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T223006_20171123T223400_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T230805_20171123T231645_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171123T231645_20171123T231809_C001	Attitude correction missing	The attitude has not been corrected

CS_OFFL_SIR_GOPR1B_20171123T231919_20171123T231935_C001 Attitude corre
CS_OFFL_SIR_GOPR1B_20171123T235519_20171123T235932_C001 Attitude corre

Attitude correction missing

Attitude correction missing

The attitude has not been corrected
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:

21

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20171123T024303_20171123T025808_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20171123T025953_20171123T031053_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20171123T101019_20171123T104339_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20171123T152617_20171123T154114_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T005633_20171123T010146_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T014739_20171123T015128_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T050553_20171123T050807_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T073647_20171123T073927_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T095827_20171123T095909_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T122447_20171123T122904_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T141223_20171123T141409_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T145116_20171123T145532_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T145643_20171123T145748_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T155531_20171123T155657_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171123T163236_20171123T163646_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171123T000011_20171123T000728_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171123T001248_20171123T001921_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171123T090328_20171123T090749_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171123T182052_20171123T182231_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171123T195218_20171123T200041_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171123T205139_20171123T205518_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:

0

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:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20171123T000929_20171123T001248_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T002833_20171123T003439_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T003626_20171123T004642_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T010354_20171123T013746_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T015208_20171123T022408_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T023741_20171123T024045_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20171123T024303_20171123T025808_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T025953_20171123T031053_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T033235_20171123T034848_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T040511_20171123T040609_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T041218_20171123T041459_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
		records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T041517_20171123T041945_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T042221_20171123T043633_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T043813_20171123T044056_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T052337_20171123T052618_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T052621_20171123T054639_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T055011_20171123T055853_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20171123T060213_20171123T062614_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T065813_20171123T072529_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T073226_20171123T073647_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T074132_20171123T080750_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T083334_20171123T084842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T085414_20171123T090328_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T091139_20171123T091726_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T092054_20171123T092510_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T092850_20171123T093554_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T095635_20171123T095734_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T101019_20171123T104339_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T105044_20171123T105557_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T110141_20171123T111706_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T113532_20171123T113709_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T114820_20171123T115854_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T120139_20171123T122246_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T123051_20171123T123502_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T124001_20171123T125916_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T125955_20171123T130430_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T130551_20171123T131229_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T131332_20171123T131345_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T132611_20171123T140158_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T142048_20171123T143317_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T143419_20171123T145116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20171123T145532 20171123T145643 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T151255_20171123T152414_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T152617_20171123T154114_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T154345_20171123T154840_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T154918_20171123T155038_C001	Ice Range Averaging Status	records. The loc Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T155732_20171123T160758_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T161444_20171123T162741_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T170537_20171123T171957_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20171123T172314 20171123T172754 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T172816_20171123T172825_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201711231172519_20171123T180116_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201711231173319_201711231180110_C001 CS_OFFL_SIR_GOPM_2_201711231183455_20171123T185845_C001	Ocean Range Averaging Status Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOFM_Z_201711231183493_201711231183649_C001 CS_OFFL_SIR_GOPM_2_2017112311803495_201711231180707_C001		records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_Z_201711231190325_201711231190707_C001 CS_OFFL_SIR_GOPM_Z_201711231190730_201711231191055_C001	Ice Range Averaging Status Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201711231190730_201711231191055_C001 CS_OFFL_SIR_GOPM_2_201711231191443_20171123T192528_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171123T191443_20171123T192920_C001 CS_OFFL_SIR_GOPM_2_20171123T193058_20171123T194154_C001	Ocean Range Averaging Status Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
55_5.11E_611C_651 111E_E81111251135050_281111251134134_6001	Social range Averaging Status	records.

CS_OFFL_SIR_GOPM_2_20171123T200332_20171123T203757_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T204127_20171123T204621_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T204628_20171123T204957_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T205518_20171123T210439_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T211013_20171123T212803_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T214018_20171123T214258_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T222124_20171123T222651_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T223400_20171123T225612_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T231935_20171123T232208_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171123T233857_20171123T235519_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171123T024045_20171123T024208_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171123T050857_20171123T051125_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171123T073112_20171123T073226_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171123T145116_20171123T145532_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171123T200041_20171123T200056_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171123T231809_20171123T231919_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171123T000011_20171123T000728_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171123T072529_20171123T072806_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171123T081543_20171123T082552_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171123T143317_20171123T143419_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH Averaging Status flag 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:

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

Secondary Seco	CS_OFFL_SIR_GOPM_2_20171123T085414_20171123T090328_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
COUNT DATA COMPANY CONTRIVENTIAL PROPERTY CONTRIVENTIAL CO		Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
Communications Communications (Communications) (Communica			
COUNT DE COUNT DE TOURNE DE LE COUNT DE TOURNE DE LE COUNT DE COUNT DE COUNT DE COUNT DE LE COUNT DE L		Backscatter Averaging Status	more records.
CONT., BIRL, CORMA. 2 DITTICATIONS CONTROL TO CORD CONTROL CON	CS_OFFL_SIR_GOPM_2_20171123T101019_20171123T104339_C001		more records.
Comp. 58. Comp. 2 com/12/2016/2016/2016/2016/2016/2016/2016/2	CS_OFFL_SIR_GOPM_2_20171123T105044_20171123T105557_C001		records.
Badducción Aurogage Status. Import coords. Min Minorage Status. Colora De Control Con	CS_OFFL_SIR_GOPM_2_20171123T110141_20171123T111706_C001	Backscatter Averaging Status	
Comput C	CS_OFFL_SIR_GOPM_2_20171123T113532_20171123T113709_C001		
Dec. OFT., SRI, COPIA_2.0071123T12615.01.201123T12019.001 CO., OFT., SR. COPIA_2.0071123T12615.01.201123T12019.001 CO., OFT., SRI, COPIA_2.0071123T1261.01.201123T12019.001 CO., OFT., SRI, COPIA_2.0071123T1261.01.201123T12019.001 CO., OFT., SRI, COPIA_2.0071123T1261.01.201123T12610.001 CO., OFT., SRI, COPIA_2.0071123T12610.001 CO., OFT., SRI, COPIA_2.0071123T12610.00	CS_OFFL_SIR_GOPM_2_20171123T114820_20171123T115854_C001		
Co. Dec. 5.	CS_OFFL_SIR_GOPM_2_20171123T120139_20171123T122246_C001	SWH Averaging Status, Ocean	
CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_C01123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_C01123T16061_C011 CS_OFF_BILIN_COME_2_2011123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C01123T16061_C	CS_OFFL_SIR_GOPM_2_20171123T123051_20171123T123502_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
So, DePL, Ser, CoPML, 2 (2011) 1271 12001 (2011) 1271 1271 12001 (2011) 1271 1271 1201 (2011) 1271 1271 1271 1271 1271 1271 1271 1	CS_OFFL_SIR_GOPM_2_20171123T124001_20171123T125916_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFF_BIR_COMPL_20171121112801_20171127110912_001 SOFF_BIR_COMPL_201711271129112 (2011 1207114710912_001) CS_OFF_BIR_COMPL_201711271142918_001712711471091_0010 CS_OFF_BIR_COMPL_201711271142918_001712711471091_0010 CS_OFF_BIR_COMPL_201711271142918_001712711471091_0010 CS_OFF_BIR_COMPL_201711271142918_001712711471091_0010 CS_OFF_BIR_COMPL_201711271142918_001712711471091_0010 CS_OFF_BIR_COMPL_20171127114498_001712711471092_0010 CS_OFF_BIR_COMPL_20171127114448_001712711471092_0010 CS_OFF_BIR_COMPL_20171127114448_001712711471092_0010 CS_OFF_BIR_COMPL_20171127114448_001712711471092_0010 CS_OFF_BIR_COMPL_20171127114448_001712711092_0010 CS_OFF_BIR_COMPL_20171127114988_0017127171992_0010 CS_OFF_BIR_COMPL_20171127114988_0017127171992_0010 CS_OFF_BIR_COMPL_20171127114988_0017127171992_0010 CS_OFF_BIR_COMPL_20171127114988_0017127171992_0010 CS_OFF_BIR_COMPL_20171127114988_0017127171992_0010 CS_OFF_BIR_COMPL_20171127114988_00171127171992_0010 CS_OFF_BIR_COMPL_20171127114989_00171127110992_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114989_0017112711099_0010 CS_OFF_BIR_COMPL_20171127114990_0011091090_001090_001090_001090_001090_001090_00109	CS OFFL SIR GOPM 2 20171123T125955 20171123T130430 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_TANGE_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140442_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_SR_QOFM_2_00171227140432_QUINT_CS_OFFL_S		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Selection from reging blanks and selection from reging blanks. Selection from reging blanks are selected from reging blanks. Selection from reging blanks are selected from reging blanks. Selection from reging blanks.		SWH Averaging Status, Ocean	
Des. DEFE. SIR. QOPAL 2.0017123714540, 2001123714541, CODI So. DEFE. SIR. QOPAL 2.0017123714540, 2001123715454, CODI So. DEFE. SIR. QOPAL 2.0017123715450, 2001123715444, CODI So. DEFE. SIR. QOPAL 2.0017123715454, CODI 120017457, CODI So. DEFE. SIR. QOPAL 2.0017123715454, CODI 120017457, CODI So. DEFE. SIR. QOPAL 2.001712371554, CODI 12001745, CODI So. DEFE. SIR. QOPAL 2.001712371554, CODI 120017457, C			
See OFFL, SRC (GOPM 2_20171123T145314_2017123T145314_C001 See OFFL, SRC (GOPM 2_20171123T145314_C001) See OFFL, SRC (GOPM 2_20171123T145314_C001) See OFFL SRC (GOPM 2_20171123T175314_C001) See OFFL SRC (GOPM 2_20171123T175314_C0017123T150114_C001) See OFFL SRC (GOPM 2_20171123T150114_C001) See OFFL SRC (GOPM 2_			
Because the Averaging Status Plags have been set for one or more records. SC PFL_SIR_GOPM_2_20171123T145458_2017123T16414_0001 SC PFL_SIR_GOPM_2_20171123T165452_2017123T16414_0001 SC PFL_SIR_GOPM_2_20171123T165452_20171123T165400_0001 SC PFL_SIR_GOPM_2_20171123T165402_201001 SC PFL_SIR_GOPM_2_20171123T165402_201001 SC PFL_SIR_GOPM_2_20171123T165402_201001 SC PFL_SIR_GOPM_2_20171123T165402_201001 SC PFL_SIR_GOPM_2_20171123T165402_2010101 SC PFL_SIR_GOPM_2_20171123T165402_201001 SC PFL_SIR_GOPM_2_20171123T165400_20101 SC PFL_SIR_GOPM_2_20171123T1765400_20101 SC PFL_SIR_GOPM_2_20171123T17654000000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20171123T141002_20171123T141222_C001		records.
Beassacter Averaging Status Fig. 69FH_SR_GOPM_2_201711221145852_20171221150414_C001 SS_OFFL_SR_GOPM_2_201711221150241_C001 SS_OFFL_SR_GOPM_2_201711221150241_C001 SS_OFFL_SR_GOPM_2_201711221150619_C0011123115609_C001 CS_OFFL_SR_GOPM_2_201711221150619_C0011123115609_C001 CS_OFFL_SR_GOPM_2_201711221150619_C0011123115609_C001 CS_OFFL_SR_GOPM_2_201711221176091_C001123117609_C001 CS_OFFL_SR_GOPM_2_201711221177609_C0011 CS_OFFL_SR_GOPM_2_201711221177609_C001 CS_OFFL_SR_GOPM_2_201711221177609_C001 CS_OFFL_SR_GOPM_2_201711221177609_C001 CS_OFFL_SR_GOPM_2_201711221177609_C001 CS_OFFL_SR_GOPM_2_2017112211777609_C001 CS_OFFL_SR_GOPM_2_201711221100000_C001 CS_OFFL_SR_GOPM_2_2017112211000000_C001 CS_OFFL_SR_GOPM_2_2017112211000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20171123T142048_20171123T143317_C001	Backscatter Averaging Status	more records.
SO CPFL_SR_COPM_2_20171123715459_2017123715459_COTO SO CPFL_SR_COPM_2_20171123715459_2017123715459_COTO SO CPFL_SR_COPM_2_20171123715459_2017123715459_COTO SO CPFL_SR_COPM_2_20171123715459_2017123715276_COTO SO CPFL_SR_COPM_2_20171123715459_2017123715276_COTO SO CPFL_SR_COPM_2_20171123715459_2017123717579_COTO SO CPFL_SR_COPM_2_20171123715459_2017123717579_COTO SO CPFL_SR_COPM_2_20171123715459_20171123711759_COTO SO CPFL_SR_COPM_2_20171123715459_20171123711759_COTO SO CPFL_SR_COPM_2_20171123715459_20171123711759_COTO SO CPFL_SR_COPM_2_20171123711759_2017159_COTO SO CPFL_SR_COPM_2_2017112371159_2017159_COTO SO CPFL_SR_COPM_2_201711237159_2017159_COTO SO CPFL_SR_COPM_2_2017112371590_20_COTO SO CPFL_SR_COPM_	CS_OFFL_SIR_GOPM_2_20171123T143419_20171123T145116_C001		more records.
So. GPFL_SR_GOPM_2_20171123715445_001711237154540_0001 So. GPFL_SR_GOPM_2_20171123715445_0171123715450_0001 So. GPFL_SR_GOPM_2_20171123715450_00171123717550_0001 So. GPFL_SR_GOPM_2_20171123717391_00171123717550_0001 So. GPFL_SR_GOPM_2_20171123717391_001711237175000 So. GPFL_SR_GOPM_2_20171123717391_0017112371590_001711237159000000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20171123T145532_20171123T145643_C001		records.
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SOFFL_SIR_GOPM_2_20171123T161444_2017123T19757_001 SWH Averaging Status The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags ha	CS_OFFL_SIR_GOPM_2_20171123T154918_20171123T155038_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
Soff-Lisir_GOPM_2_20171123T179517_2017123T191055_C001 CS_OFFL_SIR_GOPM_2_20171123T179816_20171123T19105C_C001 CS_OFFL_SIR_GOPM_2_20171123T193035_20171123T19305C_C001 CS_OFFL_SIR_GOPM_2_20171123T190325_20171123T190707_C001 CS_OFFL_SIR_GOPM_2_20171123T190325_20171123T19055_C001 CS_OFFL_SIR_GOPM_2_20171123T190325_20171123T19055_C001 CS_OFFL_SIR_GOPM_2_20171123T190325_20171123T19055_C001 CS_OFFL_SIR_GOPM_2_20171123T190325_20171123T190526_C001 CS_OFFL_SIR_GOPM_2_20171123T200325_20171123T2004921_C001 CS_OFFL_SIR_GOPM_2_20171123T200422_20170123T2004921_C001 CS_OFFL_SIR_GOPM_2_20171123T204022_20170123T2004921_C001 CS_OFFL_SIR_GOPM_2_20171123T204022_20170123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204022_20170123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_20171123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204022_20170123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_20171123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_20171123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204021_C001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204020001 CS_OFFL_SIR_GOPM_2_20171123T204025_2017123T204020001 CS_OFFL_S	CS OFFL SIR GOPM 2 20171123T161444 20171123T162741 C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20171123T172314_20171123T1825_C001 CS_OFFL_SIR_GOPM_2_20171123T172316_20171123T18345_C001 CS_OFFL_SIR_GOPM_2_20171123T18345_20171123T186845_C001 SMH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one or more records. SMH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one or more records. SMH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Flag has been set for one or more records. SMH Averaging Status Flag Status Fl		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
De Backscatter Averaging Status Flag has been set for one or more accords. Set of FL_SiR_GOPM_2_2017112371373519_20171123718016_C001 Set OFFL_SiR_GOPM_2_201711237183455_201711237180462_C001 De Backscatter Averaging Status Flag has been set for one or more accords. Set OFFL_SiR_GOPM_2_201711237190325_20171123719055_C001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_201711237190302_20171123719055_C001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_201711237190302_20171123719055_C001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_201711237190302_20171123719055_C001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_201711237190302_20171123719055_C001 De Backscatter Averaging Status Flag have been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720032_20171123719055_C001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720032_20171123719055_C001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720462_20001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720462_20001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720462_20001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720462_20001 De Backscatter Averaging Status Flag has been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720462_200171237204520_C001 De Backscatter Averaging Status Flag have been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720462_20171237204520_C001 De Backscatter Averaging Status Flag have been set for one or more records. Set OFFL_SiR_GOPM_2_20171123720464_201711237204520_C001 De Backscatter Averaging Status Flag have been set			
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CS_OFFL_SIR_GOPR_2_20171123T081543_20171123T082552_C001

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

5.8 L2 Ocean Retracking Quality Check

CS_OFFL_SIR_GOPR_2_20171123T143317_20171123T143419_C001

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:

58

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:

0

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:

0

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).

Number of products with errors:

0

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:

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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.

Number of products with errors:

28

Number of products with errors: 28		
Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20171123T000627_20171123T005601_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T005601_20171123T014541_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T014541_20171123T023515_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T023515_20171123T032454_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_20171123T032454_20171123T041428_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_220171123T041428_20171123T050408_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_20171123T050408_20171123T055342_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T055342_20171123T064321_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_20171123T064321_20171123T073256_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_220171123T073256_20171123T082235_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_220171123T082235_20171123T091209_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T091209_20171123T100149_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_20171123T100149_20171123T105123_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_20171123T105123_20171123T114102_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_220171123T114102_20171123T123036_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_220171123T123036_20171123T132016_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_20171123T132016_20171123T140950_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_220171123T140950_20171123T145929_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_220171123T145929_20171123T154903_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_220171123T154903_20171123T163843_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T163843_20171123T172817_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_220171123T172817_20171123T181756_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_20171123T181756_20171123T190730_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_220171123T195710_20171123T204644_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_220171123T204644_20171123T213623_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T213623_20171123T222558_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_220171123T222558_20171123T231537_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_20171123T231537_20171124T000511_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has 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.

Number of products with errors: 28

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220171123T000627_20171123T005601_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_220171123T005601_20171123T014541_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_220171123T014541_20171123T023515_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_20171123T023515_20171123T032454_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_20171123T032454_20171123T041428_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_20171123T041428_20171123T050408_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_220171123T050408_20171123T055342_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_20171123T055342_20171123T064321_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_220171123T064321_20171123T073256_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_20171123T073256_20171123T082235_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_220171123T082235_20171123T091209_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_20171123T091209_20171123T100149_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_20171123T100149_20171123T105123_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_20171123T105123_20171123T114102_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_20171123T114102_20171123T123036_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_20171123T123036_20171123T132016_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_20171123T132016_20171123T140950_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_220171123T140950_20171123T145929_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_20171123T145929_20171123T154903_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_220171123T154903_20171123T163843_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_20171123T163843_20171123T172817_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_20171123T172817_20171123T181756_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_20171123T181756_20171123T190730_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_20171123T195710_20171123T204644_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_20171123T204644_20171123T213623_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_20171123T213623_20171123T222558_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_20171123T222558_20171123T231537_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_20171123T231537_20171124T000511_C001	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:

26

Product 20	Test Failed	Description
CS_OFFL_SIR_GOP_2_20171123T005601_20171123T014541_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T014541_20171123T023515_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T023515_20171123T032454_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T032454_20171123T041428_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T041428_20171123T050408_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T050408_20171123T055342_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T055342_20171123T064321_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T073256_20171123T082235_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T082235_20171123T091209_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T091209_20171123T100149_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T100149_20171123T105123_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T105123_20171123T114102_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T114102_20171123T123036_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T123036_20171123T132016_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T132016_20171123T140950_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T140950_20171123T145929_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T145929_20171123T154903_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T154903_20171123T163843_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T163843_20171123T172817_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T172817_20171123T181756_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T181756_20171123T190730_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T195710_20171123T204644_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171123T204644_20171123T213623_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T213623_20171123T222558_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T222558_20171123T231537_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171123T231537_20171124T000511_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.