



1. Overview

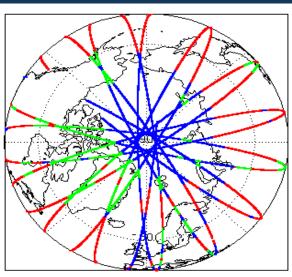
Report Production:	15-Jan-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

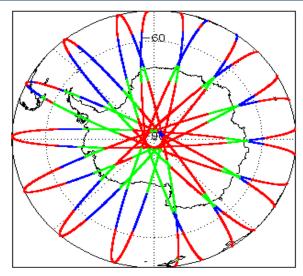
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

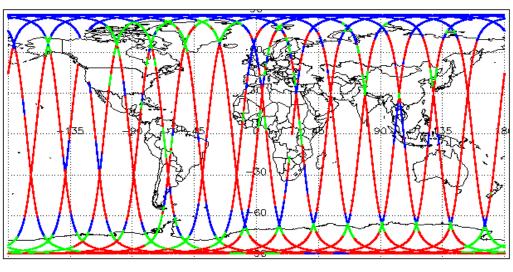
Mission /			
26-Nov-	2017	None	

27-Nov-2017 None 28-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:

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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:

61

	I	I
Product	Test Failed	Description There is an error in the scaling of the L1B waveform for one or more
CS_OFFL_SIR_GOPM1B_20171127T182943_20171127T185355_C001	Power scaling error	records
CS_OFFL_SIR_GOPR1B_20171126T235515_20171127T000235_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T000702_20171127T001426_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T004150_20171127T004613_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T013524_20171127T013628_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T013659_20171127T014130_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T014130_20171127T014242_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T020638_20171127T020653_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T021939_20171127T022617_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T023720_20171127T023812_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T034354_20171127T034517_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T043348_20171127T043736_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T043736_20171127T044032_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T044823_20171127T044840_C001	Attitude correction missing	The attitude has not been corrected
CS OFFL SIR GOPR1B 20171127T045450 20171127T050055 C001	Attitude correction missing	The attitude has not been corrected
	•	
CS_OFFL_SIR_GOPR1B_20171127T050538_20171127T050551_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T050628_20171127T050709_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T055542_20171127T055720_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T063457_20171127T063554_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T063617_20171127T064026_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T072040_20171127T072311_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T080520_20171127T080554_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T091349_20171127T091602_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T094334_20171127T094405_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T094739_20171127T094839_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T095002_20171127T095039_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T095238_20171127T095324_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T100320_20171127T100335_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T103844_20171127T104235_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T112446_20171127T112549_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T112549_20171127T113040_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T113158_20171127T113334_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T131955_20171127T132113_C001	Attitude correction missing	The attitude has not been corrected
	-	
CS_OFFL_SIR_GOPR1B_20171127T135707_20171127T135758_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T145257_20171127T145817_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T145847_20171127T150003_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T153617_20171127T153709_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T154400_20171127T154406_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T154819_20171127T155027_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T155701_20171127T155805_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T164412_20171127T164422_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T165229_20171127T165704_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T165707_20171127T170034_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T172301_20171127T172303_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T175614_20171127T175851_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T181747_20171127T181825_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T185356_20171127T185559_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T190736_20171127T190952_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T190/30_20171127T190932_0001	-	
	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T195615_20171127T195842_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T204638_20171127T204738_C001	Attitude correction missing	The attitude has not been corrected
00 0FFL 0ID 00DDID 00:=:::===============================		The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T205950_20171127T210157_C001	Attitude correction missing	
CS_OFFL_SIR_GOPR1B_20171127T205950_20171127T210157_C001 CS_OFFL_SIR_GOPR1B_20171127T212424_20171127T212446_C001 CS_OFFL_SIR_GOPR1B_20171127T212453_20171127T212503_C001	Attitude correction missing Attitude correction missing Attitude correction missing	The attitude has not been corrected The attitude has not been corrected

CS_OFFL_SIR_GOPR1B_20171127T213816_20171127T213941_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T214321_20171127T214508_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T220942_20171127T221507_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T225004_20171127T225250_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T231418_20171127T231432_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T232335_20171127T232524_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_GOPR1B_20171127T235043_20171127T235443_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:

25

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20171127T032718_20171127T034354_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20171127T162413_20171127T162631_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T005140_20171127T005656_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T014243_20171127T014644_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T054334_20171127T054520_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T095325_20171127T095414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T130918_20171127T131142_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T144640_20171127T145058_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T162724_20171127T163150_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20171127T231318_20171127T231418_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T000702_20171127T001426_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T004150_20171127T004613_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T025314_20171127T025517_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T040008_20171127T040018_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T063617_20171127T064026_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T085834_20171127T090257_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T131955_20171127T132113_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T140908_20171127T141558_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T154819_20171127T155027_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T181012_20171127T181519_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T181557_20171127T181743_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T204638_20171127T204738_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T204738_20171127T205027_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T214607_20171127T214748_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20171127T235043_20171127T235443_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:

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:

0

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.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20171127T182943_20171127T185355_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

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

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

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

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

Number of products with errors:

74

Product	Test Failed	Description The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T002333_20171127T004150_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20171127T005906_20171127T013301_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T014723_20171127T020637_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T020653_20171127T021939_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T022851_20171127T023047_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T025314_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T025517_20171127T030505_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T032718_20171127T034354_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T040018_20171127T040116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T040719_20171127T041009_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T050709_20171127T050848_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T051844_20171127T054147_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T054521_20171127T055355_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T055720_20171127T062143_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T065318_20171127T070705_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T071004_20171127T072040_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T072734_20171127T073152_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T073642_20171127T080244_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T081236_20171127T081346_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T082823_20171127T084348_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20171127T084919 20171127T085834 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T090646_20171127T091232_C001	Ice Range Averaging Status	records. The Ice 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_20171127T091602_20171127T092014_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T095138_20171127T095238_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T100534_20171127T103844_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T104551_20171127T105103_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T105634_20171127T111217_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T113041_20171127T113158_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20171127T114317_20171127T121247_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T121258_20171127T121749_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T122401_20171127T122550_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T123506_20171127T130755_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T132300_20171127T134244_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T134246_20171127T135022_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T135024_20171127T135707_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T135926_20171127T140449_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T141558_20171127T142825_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T142947_20171127T144640_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T150817_20171127T151922_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T152125_20171127T153617_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T153852_20171127T154347_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
		records.

CS_OFFL_SIR_GOPM_2_20171127T154424_20171127T154543_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T155231_20171127T155701_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T161012_20171127T162249_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T170035_20171127T171459_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T171827_20171127T172316_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T173022_20171127T175613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T182943_20171127T185355_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T185825_20171127T190215_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T190236_20171127T190601_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T190952_20171127T192034_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T200721_20171127T203304_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T203640_20171127T204128_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T204134_20171127T204504_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T205949_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T212304_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T225250_20171127T230325_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T231432_20171127T231748_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T233402_20171127T235043_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20171127T235558_20171128T000055_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171127T104235_20171127T104551_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171127T185559_20171127T185824_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171127T035544_20171127T035927_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171127T045450_20171127T050055_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171127T094035_20171127T094205_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.

Test Failed Description

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.

SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status. Ocean 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. 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. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status 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 be	Product	l est Falled	Description
Backscatter Averaging Status 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. The SWH and Ocean 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 loe 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. 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. 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	CS_OFFL_SIR_GOPM_2_20171127T002333_20171127T004150_C001	5 5	
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T020653_20171127T021939_C001 CS_OFFL_SIR_GOPM_2_20171127T022851_20171127T023047_C001 CS_OFFL_SIR_GOPM_2_20171127T023233_20171127T023551_C001 CS_OFFL_SIR_GOPM_2_20171127T023233_20171127T023551_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T023514_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T025314_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T03551_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T03551_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T03551_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T03551_C001 CS_OFFL_SIR_GOPM_2_20171127T023244_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T030505_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T034344_C001 CS_OFFL_SIR_GOPM_2_20171127T032718_20171127T034345_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T0414452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T041344_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T0413414_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_2017	CS_OFFL_SIR_GOPM_2_20171127T005906_20171127T013301_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T023233_20171127T023551_C001 Ice Backscatter Averaging Status Ice Backscatter Avera	CS_OFFL_SIR_GOPM_2_20171127T014723_20171127T020637_C001		
CS_OFFL_SIR_GOPM_2_20171127T023233_20171127T025351_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T025314_C001 CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T025314_C001 CS_OFFL_SIR_GOPM_2_20171127T025517_20171127T030505_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032718_20171127T034354_C001 CS_OFFL_SIR_GOPM_2_20171127T032718_20171127T034354_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The ceb Backscatter Averaging Status Flags have been set for one or more records. The ceb Backscatter Averaging Status Flags have been set for one or more records. The ceb 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. 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 m	CS_OFFL_SIR_GOPM_2_20171127T020653_20171127T021939_C001		
CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T025314_C001 CS_OFFL_SIR_GOPM_2_20171127T025517_20171127T030505_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T030505_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032218_20171127T034354_C001 CS_OFFL_SIR_GOPM_2_20171127T032718_20171127T0341452_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_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 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. 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. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171127T022851_20171127T023047_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T025517_20171127T030505_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032718_20171127T034354_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 SWH Averaging Status 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. 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. 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.	CS_OFFL_SIR_GOPM_2_20171127T023233_20171127T023551_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001 CS_OFFL_SIR_GOPM_2_20171127T032718_20171127T034354_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 SWH Averaging Status SWH Averaging Status 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. 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. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171127T023813_20171127T025314_C001		
CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T034354_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_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. 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. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171127T025517_20171127T030505_C001		
CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T047362_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 CS_OFFL_SIR_GOPM_2_20171127T043348_C001 SWH Averaging Status, Ocean 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. 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.	CS_OFFL_SIR_GOPM_2_20171127T032246_20171127T032441_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20171127T04132_20171127T041432_C001 CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001 CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean 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. 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_20171127T032718_20171127T034354_C001		
CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001 Backscatter Averaging Status	CS_OFFL_SIR_GOPM_2_20171127T041022_20171127T041452_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status more records. CS_OFFL_SIR_GOPM_2_201711271043321_201711271043348_C001 Backscatter Averaging Status more records. The SWH and Ocean Averaging Status Flags have been set for one or	CS_OFFL_SIR_GOPM_2_20171127T041736_20171127T043141_C001		
	CS_OFFL_SIR_GOPM_2_20171127T043321_20171127T043348_C001		
	CS_OFFL_SIR_GOPM_2_20171127T050709_20171127T050848_C001		

Company Comp		1	
CONTENT SET CONTENT STORY AND ADMINISTRATION OF THE PROPERTY O	CS_OFFL_SIR_GOPM_2_20171127T051844_20171127T054147_C001		
Description	CS_OFFL_SIR_GOPM_2_20171127T054521_20171127T055355_C001	Ice Backscatter Averaging Status	
Computer	CS_OFFL_SIR_GOPM_2_20171127T055720_20171127T062143_C001		
Part Self GOMP 2, DOINTETTITOS 2011 12711250.001	CS_OFFL_SIR_GOPM_2_20171127T065318_20171127T070705_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Dec.	CS_OFFL_SIR_GOPM_2_20171127T071004_20171127T072040_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Dec. On L. Bill. (COM L. 201112710006). 2011127100142. COID CO. On T. Bill. (COM L. 201112710006). 20111271001442. COID CO. On T. Bill. (COM L. 2011127100142). COID CO. On T. Bill. (COM L. 20111271100142). COID CO. On T. Bill. (COM L. 20111271100142). COID CO. On T. Bill. (COM L. 201112711100142). COID CO. On T. Bill. (COM L. 20111271100142). COID CO.	CS_OFFL_SIR_GOPM_2_20171127T072734_20171127T073152_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
Co. CH. S. COMP. 2011127100422 2011127100422 (2011 Co. Ch.	CS OFFL SIR GOPM 2 20171127T073642 20171127T080244 C001		The SWH and Ocean Averaging Status Flags have been set for one or
CIL COPT J. SIM, DOMA 2_20171277103609, 201712771036143, 2001 CIL COPT J. SIM, DOMA 2_2017127703609, 20171277103613, 2001 CIL COPT J. SIM, DOMA 2_2017127703609, 20171277103613, 2001 CIL COPT J. SIM, DOMA 2_20171277103619, 20171277103613, 2001 CIL COPT J. SIM, DOMA 2_20171277103619, 20171277103613, 2001 CIL COPT J. SIM, DOMA 2_20171277103619, 20171277103619, 2001 CIL COPT J. SIM, DOMA 2_20171277103619, 20171277103619, 2001 CIL COPT J. SIM, DOMA 2_20171277103619, 20171277103619, 2001 CIL COPT J. SIM, DOMA 2_2017127710361, 20171277103619, 2001 CIL COPT J. SIM, DOMA 2_2017127710361, 20171277103	CS OFFL SIR GOPM 2 20171127T081236 20171127T081346 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Co. OFF, SR. COPM 2_20171127T16861_2017127T10364_COID Co. OFF, SR. COPM2_20171127T16861_2017127T10364_COID Co. OFF, SR. COPM2_20171127T16861_2017127T10360_COID Co. OFF, SR. COPM2_20171127T1681_2017127T10360_COID Co. OFF, SR. COPM2_20171127T16828_2017127T10360_COID C		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Co., OFFL. SR., COML 2, 2011/12/1709139, 2011/12/1709139. Co., OFFL. SR., COML 2, 2011/12/170939, 2011/12/17090. Co., OFFL. SR., COML 2, 2011/12/170909, 2011/12/17090. Co., OFFL. SR., COML 2, 2011/12/170909, 2011/12/170909. Co., OFFL. SR., COML 2, 2011/12/170909, 2011/12/17			
CB_CPT_SB_COM_2_201112T100013_01112T10001_COID CB_CPT_SB_COM_2_201112T100013_01112T11001_COID CB_CPT_SB_COM_2_201112T10001_201112T11011_COID CB_CPT_SB_COM_2_201112T10011_201112T11011_COID CB_CPT_SB_COM_2_201112T10011_201112T11011_COID CB_CPT_SB_COM_2_201112T10011_201112T10101_COID CB_CPT_SB_COM_2_201112T10011_201112T10101_COID CB_CPT_SB_COM_2_201112T10011_201112T10101_COID CB_CPT_SB_COM_2_201112T10011_201112T10010_COID CB_CPT_SB_COM_2_201112T10011_201112T10010_COID CB_CPT_SB_COM_2_201112T10001_201112T10010_COID CB_CPT_SB_COM_2_201112T10001_201112T10010_COID CB_CPT_SB_COM_2_201112T10001_201112T10010_COID CB_CPT_SB_COM_2_201112T10001_201112T10010_COID CB_CPT_SB_COM_2_201112T10001_201112T10010_COID CB_CPT_SB_COM_2_201112T10001_201112T10010_COID CB_CPT_SB_COM_2_201112T10001_201112T110010_COID CB_CPT_SB_COM_2_201112T10001_201112T110010_COID CB_CPT_SB_COM_2_201112T10001_201112T110010_COID CB_CPT_SB_COM_2_201112T10001_201112T110010_COID CB_CPT_SB_COM_2_201112T10001_201112T110010_COID CB_CPT_SB_COM_2_201112T110001_201112T110010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112T10010_COID CB_CPT_SB_COM_2_201112T110001_201112TI0010_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T110002_201112T110001_COID CB_CPT_SB_COM_2_201112T1100002_201112T1100001_COID CB_CPT_SB_COM_2_201112T1100002_201112T110			
Soff- Sin-CoPM 2.2011/21710931.2011/21710940.001 Soff- Sin-CoPM 2.2011/21710941.2011/21710950.001 Soff- Sin-CoPM 2.2011/21710951.2011/21710950.001 Soff- Sin-CoPM 2.2011/21710951.2011/21710950.001 Soff- Sin-CoPM 2.2011/21710951.2011/21710950.001 Soff- Sin-CoPM 2.2011/21710951.2011/21710960.001 Soff- Sin-CoPM 2.2011/21710951.2011/21710960.001 Soff- Sin-CoPM 2.2011/21710952.2011/21710960.001 Soff- Sin-CoPM 2.2011/21710952.2011/21710960.001 Soff- Sin-CoPM 2.2011/21710952.2011/21710960.001 Soff- Sin-CoPM 2.2011/21710952.2011/21710960.001 Soff- Sin-CoPM 2.2011/21710969.2011/21710960.001 Soff- Sin-CoPM 2.2011/21710967.2011/217110960.001 Soff- Sin-CoPM 2.201110711096			
Society Service (1994) 2,001/12/110869, 200110		Backscatter Averaging Status	more records.
Compage Comp		Backscatter Averaging Status	more records.
So, DFE_SR_QOPAL_201712T11612 (2010) So, DFE_SR_QOPAL_201712T11417_201712T112180_001 So, DFE_SR_QOPAL_201712T112181_201712T112180_001 So, DFE_SR_QOPAL_201712T112180_001 So, DFE_SR_QOPAL_201712T112180_001 So, DFE_SR_QOPAL_201712T112180_001 So, DFE_SR_QOPAL_201712T112180_001 So, DFE_SR_QOPAL_201712T11280_001 So, DFE_SR_QOPAL_2017112T11280_001 So, DFE_SR_QOPAL_20		7 7	records.
So. OFFL. SIR. GOPM 2. 2017112711309.201712711309.2010 So. OFFL. SIR. GOPM 2. 2017112711271309.201712713000.2011 So. OFFL. SIR. GOPM 2. 20171127112700.201712713000.201112713000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.201712713000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.20171127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2017127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2017127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2017127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2017127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.201712713000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2011 So. OFFL. SIR. GOPM 2. 20171127113000.2011 So. OFFL.	CS_OFFL_SIR_GOPM_2_20171127T105634_20171127T111217_C001	Backscatter Averaging Status	more records.
Secretary Compage Status Fig. 60PM_2.001712771279240_2017127712290_C001 Sec. 6PFL_SIR_0COM_2.0017127712290_2017000 Sec. 6PFL_SIR_0COM_2.0017127712290_2017127712290_C001 Sec. 6PFL_SIR_0COM_2.0017127713290_2017127714949_C001 Sec. 6PFL_SIR_0COM_2.0017127713290_2017127714949_C001 Sec. 6PFL_SIR_0COM_2.0017127713290_2017127714949_C001 Sec. 6PFL_SIR_0COM_2.0017127713290_2017127714949_C001 Sec. 6PFL_SIR_0COM_2.0017127713290_2017127714949_C001 Sec. 6PFL_SIR_0COM_2.0017127713290_2017127713290_C001 Sec	CS_OFFL_SIR_GOPM_2_20171127T113041_20171127T113158_C001	Backscatter Averaging Status	more records.
So. PEFL, SIR, COPM 2, 20171127112900 (2010) So. OFFL, SIR, COPM 2, 20171127112900 (2010) So. OFFL, SIR, COPM 2, 20171127112900 (2011) So. OFFL, SIR, COPM 2, 20171127113002 (2011) So. OFFL, SIR, COPM 2, 20171127113005 (2011) So. OFFL, SIR, COPM 2	CS_OFFL_SIR_GOPM_2_20171127T114317_20171127T121247_C001	Backscatter Averaging Status	more records.
So OFFL. SR. GOPM 2_20171127113295, 2017127113010 COID So OFFL. SR. GOPM 2_2017112713295, 201712713010 COID So OFFL. SR. GOPM 2_2017112713200_201712713020 COID So OFFL. SR. GOPM 2_2017112713000_201713713000 COID So OFFL. SR. GOPM 2_2017112713000_201713713000 COID So OFFL. SR. GOPM 2_2017112713000_201713713000 COID So OFFL. SR. GOPM 2_2017112713000_201713000 COID So OFFL. SR. GOPM 2_2017112713000_201713000 COID So OFFL. SR. GOPM 2_2017112713000_201713000 COID So OFFL. SR. GOPM 2_20171127113000 COID So OFFL. SR. GOP	CS_OFFL_SIR_GOPM_2_20171127T121258_20171127T121749_C001		
SO FFIL. SR. GOPM 2 20171127113424 2017127134250 2017127114440 COOT SO FFIL. SR. GOPM 2 20171127113424 2017127134250 2017127114440 COOT SO FFIL. SR. GOPM 2 20171127113424 2017127134250 201712714440 COOT SO FFIL. SR. GOPM 2 20171127113424 20171127114440 COOT SO FFIL. SR. GOPM 2 20171127113424 20171127114440 COOT SO FFIL. SR. GOPM 2 20171127113425 20171127114440 COOT SO FFIL. SR. GOPM 2 20171127113425 20171127114440 COOT SO FFIL. SR. GOPM 2 20171127113425 20171127114440 COOT SO FFIL. SR. GOPM 2 20171127114455 20171127114440 COOT SO FFIL. SR. GOPM 2 20171127114714440 COOT SO FFIL. SR	CS_OFFL_SIR_GOPM_2_20171127T122401_20171127T122550_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status Fig. GPFL_SR_GOPM_2 201711271134246_201711271136922_20101 SS_OFFL_SR_GOPM_2 201711271134246_201711271136922_20101 SS_OFFL_SR_GOPM_2 201711271134246_201711271136922_20101 SS_OFFL_SR_GOPM_2 201711271136928_20171127114265_20171127114466_2017142714466_2017142714466_2017142714466_20174666_20174666_2017466	CS_OFFL_SIR_GOPM_2_20171127T122557_20171127T123010_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status OS. OFFL.SR. GOPM.2 201711277139092, 20171127714949, CO01 OS. OFFL.SR. GOPM.2 201711277149092, 20171127714949, CO01 OS. OFFL.SR. GOPM.2 201711277149097, 20171127714949, CO01 OS. OFFL.SR. GOPM.2 20171127715917, CO01 OS. OFFL.SR. GOPM.2 20171127715917, CO01 OS. OFFL.SR. GOPM.2 20171127715917, CO01 OS. OFFL.SR. GOPM.2 20171127715907, CO01 OS. OFFL.SR. GOPM.2 20171127715907, CO01 OS. OFFL.SR. GOPM.2 20171127715920, 20171127715494, CO01 OS. OFFL.SR. GOPM.2 20171127711900, 20171127715901, CO01 OS. OFFL.SR. GOPM.2 20171127711900, 20171127715901, CO01 OS. OFFL.SR. GOPM.2 20171127711900, 20171127711900, CO01 OS. OFFL.SR. GOPM.2 20171127711900, 20171127711900, CO01 OS. OFFL.SR. GOPM.2 2017112771171171717171717171717171127117171717171717171717171717171717171717	CS_OFFL_SIR_GOPM_2_20171127T123506_20171127T130755_C001		
SC OFFL_SIR_GOPM_2_20171127T19302_20171127T19302_20101 SWH Averaging Status Decan backscatter Averaging Status Plags have been set for one or more records. OR OFFL_SIR_GOPM_2_20171127T19302_20171127T194490_0001 Intelligence of the Status Plags have been set for one or more records. OR OFFL_SIR_GOPM_2_20171127T194097_20171127T194490_0001 SC OFFL_SIR_GOPM_2_20171127T194097_20171127T194090_0001 SC OFFL_SIR_GOPM_2_20171127T194097_20171127T194090_0001 SC OFFL_SIR_GOPM_2_20171127T194097_20171127T194090_0001 SC OFFL_SIR_GOPM_2_20171127T194090_001 SC OFFL_SIR_GOPM	CS_OFFL_SIR_GOPM_2_20171127T132300_20171127T134244_C001	SWH Averaging Status, Ocean	
SCOFFL_SIR_GOPM_2_20171127T159282_20171127T149490_0010 SCOFFL_SIR_GOPM_2_20171127T1495828_20171127T14985_001 SCOFFL_SIR_GOPM_2_20171127T14958_20171127T14986_0010 SCOFFL_SIR_GOPM_2_20171127T159282_20171127T169454_0010 SCOFFL_SIR_GOPM_2_20171127T159232_20171127T169456_0010 SCOFFL_SIR_GOPM_2_20171127T159232_20171127T169550_001 SCOFFL_SIR_GOPM_2_20171127T169232_20171127T169550_001 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T169232_0010 SCOFFL_SIR_GOPM_2_20171127T179232_0010 SCOFFL_SIR_GOPM_2_20171127T179232_0010 SCOFFL_SIR_GOPM_2_20171127T179232_0010 SCOFFL_SIR_GOPM_2_20171127T179232_0010 SCOFFL_SIR_GOPM_2_20171127T179232_0010 SCOFFL_SIR_GOPM_2_20171127T179232_0010 SCOFFL_SIR_GOPM_2_20171127T179032_0171127T179360 SCOFFL_SIR_GOPM_2_20171127T179032_0171127T179360 SCOFFL_SIR_GOPM_2_20171127T179032_0171127T179360 SCOFFL_SIR_GOPM_2_20171127T179032_0171127T179360 SCOFFL_SIR_GOPM_2_20171127T179032_0171127T190010 SCOFFL_SIR_GOPM_2_20171127T179032_0171127T179000 SCOFFL_SIR_GOPM_2_20171127T179038_0010 SCOFFL_SIR_GOPM_2_20171127T179038_0010 SCOFFL_SIR_GOPM_2_20171127T179038_0010 SCOFFL_SIR_GOPM_2_20171127T190380_0010 SCOFFL_SIR_GOPM_2_20171127T1200380_0010 SCOFFL_SIR_GOPM_2_20171127T1200380_0010 SCOFFL_SIR_GOPM_2_20171127T1200380_0010 SCOFFL_SIR_GOPM_2_20171127T200380_0010 SCOFFL_SIR_GOPM_2_20171127T200380_00	CS_OFFL_SIR_GOPM_2_20171127T134246_20171127T135022_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20171127T14982_20171127T14982_2001 SVPH Averaging Status SVPH Averagin	CS_OFFL_SIR_GOPM_2_20171127T135024_20171127T135707_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SIR_GOPM_2_20171127T16582_20171127T16582_C001 SOFFL_SIR_GOPM_2_20171127T16582_200171127T16582_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16582_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16582_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16582_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16581_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16581_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16582_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16583_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16583_C001 SOFFL_SIR_GOPM_2_20171127T163122_20171127T16583_C001 SOFFL_SIR_GOPM_2_20171127T16323_20171127T16583_C001 SOFFL_SIR_GOPM_2_20171127T16323_20171127T16580_C001 SOFFL_SIR_GOPM_2_20171127T16323_20171127T1650_C001 SOFFL_SIR_GOPM_2_20171127T16323_20171127T1763_C001 SOFFL_SIR_GOPM_2_20171127T16323_20171127T163_C001 SOFFL_SIR_GOPM_2_20171127T16323_2017127T123004_C001 SOFFL_SIR_GOPM_2_20171127T16323_2017127T123004_C001 SOFF	CS_OFFL_SIR_GOPM_2_20171127T135926_20171127T140449_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20171127T142497_20171127T150122_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20171127T152125_20171127T15021_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20171127T154242_20171127T154347_C001 CS_OFFL_SIR_GOPM_2_20171127T154342_20171127T154347_C001 CS_OFFL_SIR_GOPM_2_20171127T154342_20171127T154342_C001 CS_OFFL_SIR_GOPM_2_20171127T154342_20171127T154342_C001 CS_OFFL_SIR_GOPM_2_20171127T155231_20171127T154543_C001 CS_OFFL_SIR_GOPM_2_20171127T155231_20171127T155701_C001 SWH Averaging Status Sing have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH 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 swetter Averaging Status Flags have been set for one or more records. The swetter Averaging Status Flags have been set for one or more records. The swetter Averaging Status Flags have been set for one or more records. The least-accuter Averaging Status Flags have been set for one or more records. The swetter Averaging Status Flags have been set for one or more records. The least-accuter Averaging Status Flags have been set for one or more records. The least-accuter Averaging Status Flag	CS_OFFL_SIR_GOPM_2_20171127T141558_20171127T142825_C001		The SWH and Ocean Averaging Status Flags have been set for one or
SCOFFL_SIR_GOPM_2_20171127T150817_2017127T154817_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SCOFFL_SIR_GOPM_2_20171127T15425_20171127T154547_C001 Los Backscatter Averaging Status SWH Averaging Status SWH Averaging Status Los Backscatter Averaging Status 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. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averagi	CS_OFFL_SIR_GOPM_2_20171127T142947_20171127T144640_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Sex-Series Averaging Status SWH Averaging Status SWH averaging Status SWH averaging Status Los Backscatter Averaging Status Los Backscatt	CS OFFL SIR GOPM 2 20171127T150817 20171127T151922 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL SIR GOPM 2 20171127T154342 20171127T154543 C001 CS OFFL SIR GOPM 2 20171127T15424 20171127T156701 C001 CS OFFL SIR GOPM 2 20171127T15623 C0171127T162249 C001 CS OFFL SIR GOPM 2 20171127T17035 C0171127T17459 C001 CS OFFL SIR GOPM 2 20171127T171302 C0171127T17450 C001 CS OFFL SIR GOPM 2 20171127T171302 C0171127T175613 C001 CS OFFL SIR GOPM 2 20171127T17302 C0171127T175613 C001 CS OFFL SIR GOPM 2 20171127T192943 C0171127T19001 C001 CS OFFL SIR GOPM 2 20171127T19000 C001 CS OFFL SIR GOPM 2 20171127T127000 C001 CS OFFL SIR GOPM 2 20171127T127000 C001 CS OFFL SIR GOPM 2 20171127T20000 C001 CS OFFL SIR GOPM 2 20171127T2		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20171127T15444_20171127T155201_C001 SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20171127T190236_20171127T190236_20171127T190236_20171127T190236_20171127T190236_20171127T190236_20171127T190236_20171127T190236_20171127T190236_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T190306_20171127T1203040_201		0 0	The Ice Backscatter Averaging Status Flag has been set for one or more
SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or			The Ice Backscatter Averaging Status Flag has been set for one or more
Source of the SWH and Ocean Averaging Status in SWH and Ocean Averaging St		SWH Averaging Status, Ocean	
Super Secret Signature Averaging Status and Seakscatter Averaging		5 5	
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CS_OFFL_SIR_GOPM_2_20171127T190236_20171127T190601_C001 CS_OFFL_SIR_GOPM_2_20171127T190952_20171127T192034_C001 CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001 CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001 CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001 CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001 CS_OFFL_SIR_GOPM_2_20171127T203044_C001 CS_OFFL_SIR_GOPM_2_20171127T203040_20171127T203304_C001 CS_OFFL_SIR_GOPM_2_20171127T203640_20171127T204128_C001 CS_OFFL_SIR_GOPM_2_20171127T203640_20171127T204128_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T20494_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T205949_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T205949_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T20759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T20759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T20759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220662_20171127T220941_C001 CS_OFFL_SIR_GO	CS_OFFL_SIR_GOPM_2_20171127T182943_20171127T185355_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20171127T190952_20171127T192034_C001 CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001 CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001 CS_OFFL_SIR_GOPM_2_20171127T203721_20171127T203304_C001 CS_OFFL_SIR_GOPM_2_20171127T203640_20171127T203304_C001 CS_OFFL_SIR_GOPM_2_20171127T203640_20171127T203304_C001 CS_OFFL_SIR_GOPM_2_20171127T203640_20171127T204128_C001 CS_OFFL_SIR_GOPM_2_20171127T204134_20171127T204504_C001 CS_OFFL_SIR_GOPM_2_20171127T204134_20171127T205949_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T205949_C001 CS_OFFL_SIR_GOPM_2_20171127T20158_20171127T212304_C001 CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T212304_C001 CS_OFFL_SIR_GOPM_2_20171127T213552_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C	CS_OFFL_SIR_GOPM_2_20171127T185825_20171127T190215_C001	Ice Backscatter Averaging Status	records.
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Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T204134_20171127T204504_C001 CS_OFFL_SIR_GOPM_2_20171127T204134_20171127T204504_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T205949_C001 CS_OFFL_SIR_GOPM_2_20171127T21058_20171127T21304_C001 CS_OFFL_SIR_GOPM_2_20171127T21058_20171127T21304_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001 CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T222004_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T222004_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T225004_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T225004_C001 SWH Averaging Status SWH Averaging Status 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 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. 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 Oce	CS_OFFL_SIR_GOPM_2_20171127T192606_20171127T193600_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20171127T204134_20171127T204504_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T205949_C001 CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T212304_C001 CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T212304_C001 CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T21304_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T2209122091_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222094_C001 CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T225004_C001 CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T225004_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T225004_C001 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The loe 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 loe 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. 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. SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean 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. The SWH and Ocean Averaging Status Flags have been set for one or more reco	CS_OFFL_SIR_GOPM_2_20171127T200721_20171127T203304_C001		more records.
CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T2120549_C001 CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T212054_C001 CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T212054_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T2220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T2220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T2220941_C001 CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T225004_C001 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 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. 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. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171127T203640_20171127T204128_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20171127T21058_20171127T212304_C001 Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001 CS_OFFL_SIR_GOPM_2_20171127T222091_20171127T225004_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001 SWH Averaging Status, Ocean Backscatter 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 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. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171127T204134_20171127T204504_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T212304_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Status Status Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001 CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001 CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_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. 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. 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. The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171127T205028_20171127T205949_C001		
CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001 CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001 SWH Averaging Status SWH Averaging Status The SWH and Ocean 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. 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. 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.	CS_OFFL_SIR_GOPM_2_20171127T210158_20171127T212304_C001	SWH Averaging Status, Ocean	
CS_OFFL_SIR_GOPM_2_20171127T220759_20171127T220941_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001 CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001 SWH Averaging Status SWH Averaging Status The SWH and Ocean 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 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. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20171127T213525_20171127T213816_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001 CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001 CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter 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. 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_20171127T220759_20171127T220941_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20171127T222901_20171127T225004_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or The SWH and Ocean Averaging Status Flags have been set for one or	CS_OFFL_SIR_GOPM_2_20171127T221632_20171127T222157_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GORM_2_20171127T230325_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
Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Dackscaller Averaging Status	linote tecotus.

CS_OFFL_SIR_GOPM_2_20171127T231432_20171127T231748_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_20171127T233402_20171127T235043_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_20171127T235558_20171128T000055_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171127T104235_20171127T104551_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20171127T185559_20171127T185824_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20171127T035544_20171127T035927_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_20171127T045450_20171127T050055_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_20171127T094035_20171127T094205_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:

0

55

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).

Number of products with errors:

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20171127T181303_20171127T190237_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Range Measurement Check

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

Currently, there are two common status flags raised in the P2P products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

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

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

CS_OFFL_SIR_GOP_2_20171127T00134_20171127T005108_C002 Ocean Range Averaging Status CS_OFFL_SIR_GOP_2_20171127T014047_C001 Ocean Range Averaging Status, Ice Range Averaging Status Ice Range Averaging Status, Ice Range Averaging Status CS_OFFL_SIR_GOP_2_20171127T014047_20171127T023021_C001 CS_OFFL_SIR_GOP_2_20171127T030201_20171127T032001_C001 CS_OFFL_SIR_GOP_2_20171127T030201_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T045914_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T045914_C001 CS_OFFL_SIR_GOP_2_20171127T058049_20171127T058032_C001 CS_OFFL_SIR_GOP_2_20171127T058032_C00171127T078032_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07803_C001 CS_OFFL_SIR_GOP_2_20171127T07803_20171127T07805655_C001 CS_OFFL_SIR_GOP_2_20171127T04630_20171127T09716_C001 CS_OFFL_SIR_GOP_2_20171127T04630_20171127T13809_C001 CS_OFFL_SIR_GOP_2_20171127T04630_20171127T13809_C001 CS_OFFL_SIR_GOP_2_20171127T04630_20171127T13809_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T13502_C001 COEAN Range Averaging Status, Ice Range Averaging Status, Ice Range Averaging Status Status CS_OFFL_SIR_GOP_2_20171127T04630_20171127T13509 COEAN Range Averaging Status, Ice Range Averaging Status, Ice Range Averaging Status CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609 COEAN Range Averaging Status COEAN Range Averaging Status COEAN Range Averaging Status COEAN Range	Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20171127T014047_20171127T032022_C001 CS_OFFL_SIR_GOP_2_20171127T032022_20171127T032001_C001 CS_OFFL_SIR_GOP_2_20171127T032001_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T032001_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T032001_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T04849_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T063828_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T063828_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T09716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T096655_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T096655_C001 CS_OFFL_SIR_GOP_2_20171127T104030_20171127T104090_C001 CS_OFFL_SIR_GOP_2_20171127T10403	CS_OFFL_SIR_GOP_220171127T000134_20171127T005108_C002	Ocean Range Averaging Status	
Range Averaging Status CS_OFFL_SIR_GOP_2_20171127T03202_20171127T032001_C001 Range Averaging Status CS_OFFL_SIR_GOP_2_20171127T032001_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T045914_C001 CS_OFFL_SIR_GOP_2_20171127T045914_20171127T045914_C001 CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T053828_C001 CS_OFFL_SIR_GOP_2_20171127T058828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095555_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095555_C001 CS_OFFL_SIR_GOP_2_20171127T06302_20171127T095555_C001 CS_OFFL_SIR_GOP_2_20171127T106302_20171127T13609_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T106302_20171127T13609_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13609_C001 CS_OFFL_SIR_GOP	CS_OFFL_SIR_GOP_220171127T005108_20171127T014047_C001	Ocean Range Averaging Status	
Range Averaging Status or more records. CS_OFFL_SIR_GOP_2_20171127T032001_20171127T040935_C001 CS_OFFL_SIR_GOP_2_20171127T040935_20171127T045914_C001 CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T063828_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T04630_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T12543_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T12543_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T12543_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T12543_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T131502_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T131502_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T131502_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13509_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13509_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13509_C001 CS_OFFL_SIR_GOP_2_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13509_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13509_C001 CS_OFFL_SIR_GOP_2_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_C001 CS_OFFL_SIR_GOP_3_20171127T13609_C001 CS_OFFL_SIR_GOP_3_20171127T13609_C001 CS_OFFL_SIR_GOP_3_20171127T13609_C001 CS_OFFL_SIR_GOP_3_20171127T13609_C001 CS_OFFL_SIR_GOP_3_20171127T13609_C001 CS_OFFL_SIR_GOP_3_20171127T13609_C001 CS_OFFL_SIR_GOP	CS_OFFL_SIR_GOP_220171127T014047_20171127T023022_C001		
Range Averaging Status Or more records. The Ocean and Ice Range Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T063828_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T112609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T112609_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T1122543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T1122543_C001 CS_OFFL_SIR_GOP_2_20171127T11271127543_2011 CS_OFFL_SIR_GOP_2_20171127T1127543_2011 CS_OFFL_SIR_GOP_2_20171127T1127543_2011 CS_OFFL_SIR_GOP_2_20171127T1127543_2011 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T1125543_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_20171127T1125543_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T1127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T12543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T12543_20171127T131522 C001 CS_OFFL_SIR_GOP_2_20171127T134509_C001 CS_OFFL_SIR_GOP_2_20171127T13450	CS_OFFL_SIR_GOP_220171127T023022_20171127T032001_C001		
Range Averaging Status or more records. CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T063828_C001 CS_OFFL_SIR_GOP_2_20171127T054849_20171127T063828_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T04630_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_20171127T13522_C001 CS_OFFL_SIR_GOP_2_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T13609_C001 CS_OFFL_SIR_GOP_2	CS_OFFL_SIR_GOP_220171127T032001_20171127T040935_C001		
Range Averaging Status or more records. CS_OFFL_SIR_GOP_2_20171127T054849_20171127T063828_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T1122543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T113522_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T113522_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T1	CS_OFFL_SIR_GOP_220171127T040935_20171127T045914_C001		
CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001 CS_OFFL_SIR_GOP_2_20171127T072803_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T12543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T113509_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T113509_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1315609_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127543_201771127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T1127T131522_C001 CS_OFFL_SIR_GOP_2_201771127T131527_C001 CS_OFFL_SIR_GOP_2_201771127T131527_C001 CS_OFFL_SIR_GOP_2_201771127T131527_C001 CS_OFFL_SIR_GOP_2_201771127T131527_C001 CS_OFFL_SIR_GOP_2_201771127T131527_C001 CS_OFFL_SIR_GOP_2_201771127T131527_C001 CS_OFFL_SIR_G	CS_OFFL_SIR_GOP_220171127T045914_20171127T054849_C001		
CS_OFFL_SIR_GOP_2_20171127T072803_20171127T081742_C001 CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T13609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131523_2001 CS_OFFL_SIR_GOP_2_20171127T131352_2001 CS_OFFL_SIR_GOP_2_20171127T131500_200171127T131352_2001 CS_OFFL_SIR_G	CS_OFFL_SIR_GOP_220171127T054849_20171127T063828_C001		
CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T112543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T1127543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T1127543_C001 CS_OFFL_SIR_GOP_2_20171127T1127543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522_C001	CS_OFFL_SIR_GOP_220171127T063828_20171127T072803_C001	Ocean Range Averaging Status	
Range Averaging Status or more records. CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001 CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T13509_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T132543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131522_C001	CS_OFFL_SIR_GOP_220171127T072803_20171127T081742_C001	Ocean Range Averaging Status	
Range Averaging Status or more records. CS_OFFL_SIR_GOP_2_20171127T104630_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T113609_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001 CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001 CS_OFFL_SIR_GOP_2_20171127T1127T113609_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T1127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T127543_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131522_C001 CS_OFFL_SIR_GOP_2_20171127T131522_C001	CS_OFFL_SIR_GOP_220171127T081742_20171127T090716_C001		
CS_OFFL_SIR_GOP_2_20171127T113609_20171127T113609_C001 Range Averaging Status Or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001 Ocean Range Averaging Status, Ice Ocean Range Averaging Status, Ice	CS_OFFL_SIR_GOP_220171127T090716_20171127T095655_C001		
CS_OFFL_SIR_GOP_2201711271113609_201711271122543_C001 Ocean Range Averaging Status records. CS_OFFL_SIR_GOP_220171127T122543_20171127T131522_C001 Ocean Range Averaging Status, Ice The Ocean and Ice Range Averaging Status Flags have been set for one	CS_OFFL_SIR_GOP_220171127T104630_20171127T113609_C001		
	CS_OFFL_SIR_GOP_220171127T113609_20171127T122543_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_GOP_2_20171127T122543_20171127T131522_C001		

CS_OFFL_SIR_GOP_220171127T131522_20171127T140457_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_220171127T140457_20171127T145436_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_220171127T145436_20171127T154410_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_220171127T154410_20171127T163349_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171127T172324_20171127T181303_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171127T181303_20171127T190237_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171127T195217_20171127T204151_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_220171127T213130_20171127T222105_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_220171127T222105_20171127T231044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171127T231044_20171128T000018_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.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220171127T000134_20171127T005108_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_2_20171127T005108_20171127T014047_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_20171127T014047_20171127T023022_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_20171127T023022_20171127T032001_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_20171127T032001_20171127T040935_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_20171127T040935_20171127T045914_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_20171127T045914_20171127T054849_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_20171127T054849_20171127T063828_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_20171127T063828_20171127T072803_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_20171127T072803_20171127T081742_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_220171127T081742_20171127T090716_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_20171127T090716_20171127T095655_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_20171127T104630_20171127T113609_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_20171127T113609_20171127T122543_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_20171127T122543_20171127T131522_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_20171127T131522_20171127T140457_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_20171127T140457_20171127T145436_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_20171127T145436_20171127T154410_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_20171127T154410_20171127T163349_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_20171127T172324_20171127T181303_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_220171127T181303_20171127T190237_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_20171127T195217_20171127T204151_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_20171127T213130_20171127T222105_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_20171127T222105_20171127T231044_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_20171127T231044_20171128T000018_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:

24

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20171127T000134_20171127T005108_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T005108_20171127T014047_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T014047_20171127T023022_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T023022_20171127T032001_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T032001_20171127T040935_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T040935_20171127T045914_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T045914_20171127T054849_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T054849_20171127T063828_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T063828_20171127T072803_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T072803_20171127T081742_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T081742_20171127T090716_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T090716_20171127T095655_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T113609_20171127T122543_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T122543_20171127T131522_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T131522_20171127T140457_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T140457_20171127T145436_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T145436_20171127T154410_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T154410_20171127T163349_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T172324_20171127T181303_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T181303_20171127T190237_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20171127T195217_20171127T204151_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171127T213130_20171127T222105_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171127T222105_20171127T231044_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220171127T231044_20171128T000018_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.