



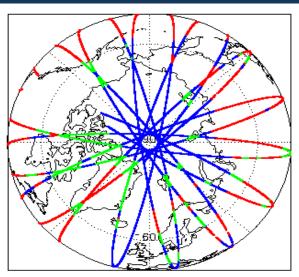
1. Overview

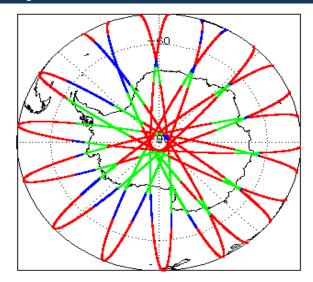
Report Production:	09-Feb-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B. L2 & P2P Science Data

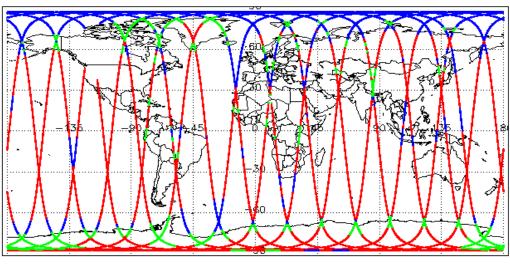
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

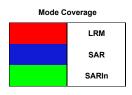
Mission / Instrument News		
07-Jan-2018	None	
08-Jan-2018	None	
09-Jan-2018	Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL).

Number of products with errors:

0

4.2 L1B Product Header Analysis

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

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

Number of products with errors:

Test Failed Description
There is an error in the scaling of the L1B waveform for one or more Product CS_OFFL_SIR_GOPM1B_20180108T192834_20180108T193430_C001 Power scaling error records

4.6 L1B Waveform Group Data Check

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

Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected.

Number of products with errors:

13

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180108T072117_20180108T072207_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180108T125055_20180108T130641_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180108T170458_20180108T170653_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180108T013131_20180108T013716_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180108T040946_20180108T041432_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180108T072327_20180108T072353_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180108T103918_20180108T104321_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180108T122123_20180108T122217_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180108T135919_20180108T140131_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180108T020152_20180108T020255_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180108T054444_20180108T055013_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180108T080939_20180108T081218_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180108T131750_20180108T132244_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:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180108T192834_20180108T193430_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.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180107T235832_20180108T000026_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T000308_20180108T000505_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T000657_20180108T002335_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T002739_20180108T003618_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T005223_20180108T005636_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20180108T005749 20180108T011329 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T011950_20180108T013130_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T013717_20180108T013941_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T014011_20180108T014434_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_20180108T014619_20180108T020116_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T020255_20180108T021726_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T023946_20180108T024655_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T024819_20180108T025307_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T025535_20180108T031219_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180108T031502_20180108T032345_C001	Ice Range Averaging Status	The Locan Pance Averaging Status Flag has been set for one or more records. The Ocean Pance Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T032600_20180108T034826_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T042747_20180108T045112_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T045709_20180108T050138_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T050425_20180108T052949_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T055922_20180108T061325_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T061902_20180108T062951_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T063625_20180108T064216_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T064353_20180108T070446_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T070512_20180108T070920_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T072117_20180108T072207_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T073442_20180108T080938_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T081531_20180108T082047_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T082245_20180108T082529_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T085809_20180108T090039_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T091446_20180108T092332_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T092619_20180108T094822_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T095411_20180108T095532_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20180108T095540 20180108T095947 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T100154_20180108T101452_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20180108T101640 20180108T102357 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20180108T102439 20180108T102913 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201801081102439_201801081102913_C001 CS_OFFL_SIR_GOPM_2_20180108T105500_20180108T112733_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201801081109900_201801081112735_C001 CS_OFFL_SIR_GOPM_2_20180108T112910_20180108T113430_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
		records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T113450_20180108T113731_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T114531_20180108T115800_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T115806_20180108T121539_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T121707_20180108T122123_C001	Ice Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T123641_20180108T124850_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T125055_20180108T130641_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180108T130827_20180108T131327_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T132245_20180108T133307_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T133926_20180108T135017_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T142631_20180108T142738_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T143053_20180108T144526_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T144742_20180108T145239_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T145909_20180108T153258_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180108T160051_20180108T162528_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T163810_20180108T170452_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T170458_20180108T170653_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T173858_20180108T180427_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T180608_20180108T181109_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T181116_20180108T181443_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T181836_20180108T182917_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T183454_20180108T185227_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T193755_20180108T194402_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T194606_20180108T195140_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T195742_20180108T203053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T204446_20180108T204545_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T210410_20180108T212321_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T212527_20180108T213036_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T213612_20180108T221032_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T223511_20180108T223931_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T231644_20180108T233410_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T233838_20180108T234545_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180108T022627_20180108T022716_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180108T022716_20180108T023033_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180108T100112_20180108T100153_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180108T203331_20180108T204127_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180108T204346_20180108T204446_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180108T235459_20180108T235917_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors: 76

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180107T235832_20180108T000026_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T000308_20180108T000505_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T000657_20180108T002335_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_20180108T002739_20180108T003618_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_20180108T005223_20180108T005636_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T005749_20180108T011329_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_20180108T011950_20180108T013130_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_20180108T013717_20180108T013941_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T014011_20180108T014434_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T014619_20180108T020116_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_20180108T020255_20180108T021726_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_20180108T023946_20180108T024655_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_20180108T024819_20180108T025307_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_20180108T025535_20180108T031219_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_20180108T031502_20180108T032345_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180108T032600_20180108T034826_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_20180108T042747_20180108T045112_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_20180108T050425_20180108T052949_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CLEFFLER COMPLIANCE OFFICE AND EXPENDENCE SERVICES AND	22 0751 015 00511 0 00101007555500 001007501007	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Comp. 56, 00014 2, 2010-001702173 2016-00170220 001 Comp. 56, 00014 2, 2010-001702173 2016-00170220 001 Comp. 56, 00014 2, 2010-001702173 2016-00170220 001 Comp. 56, 00014 2, 2010-00170217 2016-00170220 001 Comp. 56, 00014 2, 2010-0017021 2016-00170220 001 Comp. 56, 00014 2, 2010-0017021 2016-0017020 001 Comp. 56, 00014 2, 2010-0017020		Backscatter Averaging Status	more records.
COPPL BIR COPPL 2 DISSISTED TEACH DESIGNATION COPPLIES TO BE CONTROL TO	CS_OFFL_SIR_GOPM_2_20180108T061902_20180108T062951_C001		more records.
Decoration Amongs State Decoration Among	CS_OFFL_SIR_GOPM_2_20180108T063625_20180108T064216_C001	• •	records.
Computing County 2 2018/1007/11/21 2018/10	CS_OFFL_SIR_GOPM_2_20180108T064353_20180108T070446_C001	Backscatter Averaging Status	more records.
Comp. St. Comp. 2 protein protein. Design company (Salata Standard	CS_OFFL_SIR_GOPM_2_20180108T070512_20180108T070920_C001	Backscatter Averaging Status	more records.
Secretary Control (1994). Cont	CS_OFFL_SIR_GOPM_2_20180108T072117_20180108T072207_C001	Backscatter Averaging Status	
Compared Services (1999) 2 - 2010/10/10/2009 (2010/2009) 2 - 2010/10/2009 (2010/2009) 2 - 2010/2	CS_OFFL_SIR_GOPM_2_20180108T073442_20180108T080938_C001	0 0	
Co. P.F. 1, 10 COPU 2, 2019 10 11 TO COMP 1,	CS_OFFL_SIR_GOPM_2_20180108T081531_20180108T082047_C001	Ice Backscatter Averaging Status	
Compt., Sec. Compt., 2010/00/01/19014 2 (2010/00/19014 2	CS_OFFL_SIR_GOPM_2_20180108T082245_20180108T082529_C001		
See OPEL SIRI. GOMA 2. 20191010103943 20100103119540 COOP CO. OPEL SIRI. GOMA 2. 201910101039543 2010010319540 COOP CO. OPEL SIRI. GOMA 2. 201910101039543 2010010319540 COOP CO. OPEL SIRI. GOMA 2. 201910101039543 2010010319540 COOP CO. OPEL SIRI. GOMA 2. 201910101103954 20100103119540 COOP CO. OPEL SIRI. GOMA 2. 20191010110395 2	CS_OFFL_SIR_GOPM_2_20180108T085809_20180108T090039_C001		
S. OFT., SR, GOPAL, 2 0010010100411 2010101010032 CO11 CS. OFT., SR, GOPAL, 2 001001010041 2010101010032 CO11 CS. OFT., SR, GOPAL, 2 001001010041 2010101010032 CO11 CS. OFT., SR, GOPAL, 2 001001010041 20101010110032 CO11 CS. OFT., SR, GOPAL, 2 00100101010042 20101010110032 CO11 CS. OFT., SR, GOPAL, 2 00100101010042 201010101110032 CO11 CS. OFT., SR, GOPAL, 2 00100101010042 201010101110032 CO11 CS. OFT., SR, GOPAL, 2 00100101110032 20101001111003 CO11 CS. OFT., SR, GOPAL, 2 0010010111003 CO11 CS. OFT., SR, GOPAL, 2 001010111003 CO11 CS. OFT., SR,	CS_OFFL_SIR_GOPM_2_20180108T091446_20180108T092332_C001	SWH Averaging Status, Ocean	
Description of the Communication of the Communicati	CS_OFFL_SIR_GOPM_2_20180108T092619_20180108T094822_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFF_SIR_COML_2018008T10942_C018008T12927_C01 CS_OFF_SIR_COML_2018008T10942_C018008T12927_C01 CS_OFF_SIR_COML_2018008T10942_C018008T12927_C01 CS_OFF_SIR_COML_2018008T12940_C018008T12927_C01 CS_OFF_SIR_COML_2018008T12940_C018008T12937_C01 CS_OFF_SIR_COML_2018008T12940_C018008T12937_C01 CS_OFF_SIR_COML_2018008T12940_C018008T12937_C01 CS_OFF_SIR_COML_2018008T12940_C018008T12937_C01 CS_OFF_SIR_COML_2018008T12940_C018008T12930_C01 CS_OFF_SIR_COML_2018008T12940_C018008T12940_C01 CS_OFF_SIR_COML_2018008T12940_C018008	CS_OFFL_SIR_GOPM_2_20180108T095411_20180108T095532_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SSM Averaging Status. Covan Baskasate Averaging Status. See State Plays have been set for one or more records. S. GFFL, SR, GOPM 2, 29191061702492, 20191061713432, 2001 S. GFFL, SR, GOPM 2, 29191061713409, 20191			The Ice Backscatter Averaging Status Flag has been set for one or more
Selection of the process of the control of the cont		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFT_SIR_COPM_2_201801081112012_0101081112013_C001 SS_OFF_SIR_COPM_2_201801081112012_0101081112013_C001 SS_OFF_SIR_COPM_2_201801081112012_0101081112013_C001 SS_OFF_SIR_COPM_2_201801081112012_0101081112013_C001 SS_OFF_SIR_COPM_2_201801081112012_0101081112013_C001 SS_OFF_SIR_COPM_2_201801081112012_0101081112013_C001 SS_OFF_SIR_COPM_2_201801081112012_0101081112013_C001 SS_OFF_SIR_COPM_2_201801081112012_010108112013_SOFT_SIR_COPM_2_201801081112013_SOFT_SIR_COPM_2_201801081142013_SOFT_SIR_COPM_2_201801081142013_SOFT_SIR_COPM		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
So, CPFL, SIR, GOPM _2 201801081119302_01801081119313.0001 So, CPFL, SIR, GOPM _2 201801081119302_0180108119303.0001 So, CPFL, SIR, GOPM _2 201801081119303.0001 So, CPFL, SIR, GOPM _2 20180108119303.0001 So, CPFL, SIR, GOPM _2 2018010811930			
So, PFL, SR, COPM 2, 20180101211302, 20180102113731 CO1 CS, OFFL, SR, GOPM 2, 20180102111402, 20180102113731 CO1 CS, OFFL, SR, GOPM 2, 20180102111402, 20180102113502, CO1 CS, OFFL, SR, GOPM 2, 20180102111403, 20180102112132, CO1 CS, OFFL, SR, GOPM 2, 20180102111303, 20180102112132, CO1 CS, OFFL, SR, GOPM 2, 20180102111303, 20180102112132, CO1 CS, OFFL, SR, GOPM 2, 20180102112104, 20180102112132, CO1 CS, OFFL, SR, GOPM 2, 20180102112104, 20180102112132, CO1 CS, OFFL, SR, GOPM 2, 2018010211204, 20180102113041, CO1 CS, OFFL, SR, GOPM 2, 2018010211204, 20180102113041, CO1 CS, OFFL, SR, GOPM 2, 2018010211204, 20180102113041, CO1 CS, OFFL, SR, GOPM 2, 2018010211304, CO1 CS, OFFL, SR, GOPM 2, 20180102114304, CO1 CS, OFFL, SR, GOPM 2, 20180102111304, CO10 CS, OFFL, SR, GOPM 2, 201801021113		Backscatter Averaging Status	more records.
SO CPT_SIR_COPM_2_201801087114731_201801087114531_201801087114551_20180108713551_201801087114551_20180108713551_20180108713551_20180108713551_20180108713551_20180108713551_20180108713551_2018018713551_201		Backscatter Averaging Status	more records.
SOFFL_SR_GOM_2_2018018711950_2018018712150_C001 SOFFL_SR_GOM_2_20180187121950_2018018712212_C001 SOFFL_SR_GOM_2_20180187121950_2018018712212_C001 SOFFL_SR_GOM_2_20180187121950_2018018712190_C001 SOFFL_SR_GOM_2_20180187123047_2018018713304_C001 SOFFL_SR_GOM_2_20180187123047_2018018713304_C001 SOFFL_SR_GOM_2_2018018713047_2018018713304_C001 SOFFL_SR_GOM_2_2018018713047_2018018713304_C001 SOFFL_SR_GOM_2_2018018713047_2018018713304_C001 SOFFL_SR_GOM_2_2018018713047_2018018713304_C001 SOFFL_SR_GOM_2_2018018713047_2018018713304_C001 SOFFL_SR_GOM_2_2018018713047_2018018713051_C001 SOFFL_SR_GOM_2_2018018713051305_C001 SOFFL_SR_GOM_2_2018018713051305_C001 SOFFL_SR_GOM_2_2018018713051305_C001 SOFFL_SR_GOM_2_2018018713051_C001 SOFFL_SR_GOM_2_2018018714472_20180187145306_C001 SOFFL_SR_GOM_2_20180187144742_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_20180187145306_C001 SOFFL_SR_GOM_2_201801871454306_201801871454306_C001 SOFFL_SR_GOM_2_201801871454306_201801871454306_C001 SOFFL_SR_GOM_2_201801871454306_201801871454306_C001 SOFFL_SR_GOM_2_			records.
Backscatter Averaging Status SC OFFL_SIR_GOPM_2_201801081121707_201801081122132_C001 SC OFFL_SIR_GOPM_2_201801081123641_20180108112480_C001 SC OFFL_SIR_GOPM_2_201801081123652_20180108130341_C001 SC OFFL_SIR_GOPM_2_201801081123652_2018010813037_C001 SC OFFL_SIR_GOPM_2_201801081130827_2018010813307_C001 SC OFFL_SIR_GOPM_2_201801081130827_2018010813307_C001 SC OFFL_SIR_GOPM_2_201801081130827_2018010813307_C001 SC OFFL_SIR_GOPM_2_201801081130827_2018010813307_C001 SC OFFL_SIR_GOPM_2_201801081130827_2018010813307_C001 SC OFFL_SIR_GOPM_2_201801081130827_20180108113307_C001 SC OFFL_SIR_GOPM_2_201801081130827_20180108113307_C001 SC OFFL_SIR_GOPM_2_20180108113082_20180108113307_C001 SC OFFL_SIR_GOPM_2_201801081142631_20180108114258_C001 SC OFFL_SIR_GOPM_2_201801081142631_20180108114258_C001 SC OFFL_SIR_GOPM_2_201801081142632_0180108114258_C001 SC OFFL_SIR_GOPM_2_20180108114263_20180108114258_C001 SC OFFL_SIR_GOPM_2_20180108114263_20180108114258_C001 SC OFFL_SIR_GOPM_2_20180108118280_20180108114258_C001 SC OFFL_SIR_GOPM_2_20180108118280_20180108114258_C001 SC OFFL_SIR_GOPM_2_20180108118280_2018010811827_C001 SC OFFL_SIR_GOPM_2_20180108118280_20180108118287_C001 SC OFFL_SIR_GOPM_2_20180108118288_20180108181842_C001 SC OFFL_SIR_GOPM_2_20180108118288_20180108181842_C001 SC OFFL_SIR_GOPM_2_20180108118380_20180108182827_C001 SC OFFL_SIR_GOPM_2_20180108118380_20180108182827_C001 SC OFFL_SIR_GOPM_2_20180108118380_20180108182827_C001 SC OFFL_SIR_GOPM_2_20180108118380_20180108182827_C001 SC OFFL_SIR_GOPM_2_2018010811	CS_OFFL_SIR_GOPM_2_20180108T113450_20180108T113731_C001		records.
Backscatter Averaging Status Figs. GOPM_2 201801081123027_201801081123025_0001 SOFFL_SIR, GOPM_2 2018010811230827_20180108113207_0001 SOFFL_SIR, GOPM_2 2018010811230827_20180108113307_0001 SOFFL_SIR, GOPM_2 2018010811230827_20180108113307_0001 SOFFL_SIR, GOPM_2 201801081132082_0180108113307_0001 SOFFL_SIR, GOPM_2 201801081133082_0180108113307_0001 SOFFL_SIR, GOPM_2 201801081133082_0180108113307_0001 SOFFL_SIR, GOPM_2 201801081130828_20180108113307_0001 SOFFL_SIR, GOPM_2 201801081130828_20180108113207_0001 SOFFL_SIR, GOPM_2 20180108114083_0180108114058_0001 SOFFL_SIR, GOPM_2 201801081140509_20180108113508_0001 SOFFL_SIR, GOPM_2 201801081140509_201801081140508_0001 SOFFL_SIR, GOPM_2 201801081140508_000181140515_0001 SOFFL_SIR, GOPM_2 201801081140508_00018140508_00018140508_00018140508_00018140508_00018140508_00018140508_00018140508_00018140508_00018140508_00018140508_00018140508_0	CS_OFFL_SIR_GOPM_2_20180108T114531_20180108T115800_C001	Backscatter Averaging Status	more records.
SOFFE, SIR, GOPM_2_201801081120452, 201801081120450, 201801081120450, 201801081120450, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108113082, 20180108114082, 20180108116081, 20180108114082, 20180108118082, 20180108118092, 20180108118082, 20180108118092, 20180108118082, 20180108118092, 20180108118082, 20180108118092, 20180108118082, 20180108118092, 20180108118082, 20180108118092, 201801081223201, 200180108122321, 20180108122321, 20180108122321, 201801081233301, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 20180108123331, 2018	CS_OFFL_SIR_GOPM_2_20180108T115806_20180108T121539_C001		more records.
ES_OFFL_SIR_COPM_2_201801081108018081108081130307. SOFFL_SIR_COPM_2_201801081130287_201801081130307. SOFFL_SIR_GOPM_2_201801081130287_201801081130307. SOFFL_SIR_GOPM_2_201801081130287_201801081130307. SOFFL_SIR_GOPM_2_201801081130287_20180108113001807. SOFFL_SIR_GOPM_2_201801081142831_201801081142738_C001 SOFFL_SIR_GOPM_2_201801081140832_201801081145239. SOFFL_SIR_GOPM_2_201801081140832_201801081145239. SOFFL_SIR_GOPM_2_201801081140803_201801081145239. SOFFL_SIR_GOPM_2_201801081140803_201801081145239. SOFFL_SIR_GOPM_2_201801081140803_201801081145239. SOFFL_SIR_GOPM_2_201801081162825_201801881162529. SOFFL_SIR_GOPM_2_201801081162825_201801881162529. SOFFL_SIR_GOPM_2_201801081162825_201801081145280. SOFFL_SIR_GOPM_2_201801081162825_201801881162529. SOFFL_SIR_GOPM_2_201801081162825_201801881162529. SOFFL_SIR_GOPM_2_201801081162825_201801881162529. SOFFL_SIR_GOPM_2_201801081162825_201801881162529. SOFFL_SIR_GOPM_2_201801081162825_201801081162829. SOFFL_SIR_GOPM_2_201801081162825_201801081162829. SOFFL_SIR_GOPM_2_201801081162825_201801081162829. SOFFL_SIR_GOPM_2_201801081162825_201801081162829. SOFFL_SIR_GOPM_2_201801081162825_201801081162829. SOFFL_SIR_GOPM_2_201801081162825_201801081162829. SOFFL_SIR_GOPM_2_201801081162835_201801081180427_C001 SOFFL_SIR_GOPM_2_20180108118088_201801081180427_C001 SOFFL_SIR_GOPM_2_20180108118088_201801081180427_C001 SOFFL_SIR_GOPM_2_20180108118088_201801081180427_C001 SOFFL_SIR_GOPM_2_20180108118088_20180108118047_C001 SOFFL_SIR_GOPM_2_2018010810818081_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108108118085_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108108118085_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108118088_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108118088_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108108118085_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108108118085_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108118088_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108119345_20180108112041C_0001 SOFFL_SIR_GOPM_2_20180108119345_2018018018108	CS_OFFL_SIR_GOPM_2_20180108T121707_20180108T122123_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_01001081132087_2010108113327_CO01 SOFFL_SIR_GOPM_2_0100108113292_010108113327_CO01 SOFFL_SIR_GOPM_2_0100108113292_010108113307_CO01 SOFFL_SIR_GOPM_2_0100108113292_010108113307_CO01 SOFFL_SIR_GOPM_2_0100108113292_0101081144728_CO01 SOFFL_SIR_GOPM_2_0100108114203_0101081144728_CO01 SOFFL_SIR_GOPM_2_0100108114203_0101081144528_CO01 SOFFL_SIR_GOPM_2_0100108114309_0101081145290_CO01 SOFFL_SIR_GOPM_2_0100108114309_010108115329_CO01 SOFFL_SIR_GOPM_2_0100108114309_010108115329_CO01 SOFFL_SIR_GOPM_2_0100108114309_010108115329_CO01 SOFFL_SIR_GOPM_2_0100108114309_010108115329_CO01 SOFFL_SIR_GOPM_2_0100108114309_010108115329_CO01 SOFFL_SIR_GOPM_2_0100108114309_010108115329_CO01 SOFFL_SIR_GOPM_2_0100108114509_010108115329_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081163810_CO01 SOFFL_SIR_GOPM_2_01001081181842_CO01 SOFFL_SIR_GOPM_2_0100108119060_00108110000	CS_OFFL_SIR_GOPM_2_20180108T123641_20180108T124850_C001		
CS_OFFL_SIR_GOPM_2_01801087133924_5_0180108713397_CO01 SVH Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The	CS_OFFL_SIR_GOPM_2_20180108T125055_20180108T130641_C001		
Backscatter Averaging Status SVH Averaging	CS_OFFL_SIR_GOPM_2_20180108T130827_20180108T131327_C001	Ice Backscatter Averaging Status	
SC_OFFL_SIR_GOPM_2_20180108113928_201801081142738_C001 SWH Averaging Status, Ocean Backscatter Averaging Status (Area) in the SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status (Area) in 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 (Area) in the SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in the SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in the SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in the SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in the SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status (Area) in SWH Averaging Status (Area)	CS_OFFL_SIR_GOPM_2_20180108T132245_20180108T133307_C001		
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SOFFL_SIR_GOPM_2_20180108T144742_20180108T144526_C001 SOFFL_SIR_GOPM_2_20180108T144742_20180108T145239_C001 SOFFL_SIR_GOPM_2_20180108T145909_20180108T153258_C001 SOFFL_SIR_GOPM_2_20180108T160051_20180108T162528_C001 SOFFL_SIR_GOPM_2_20180108T160051_20180108T162528_C001 SOFFL_SIR_GOPM_2_20180108T160051_20180108T162528_C001 SOFFL_SIR_GOPM_2_20180108T160051_20180108T162528_C001 SOFFL_SIR_GOPM_2_20180108T163150_C010 SOFFL_SIR_GOPM_2_20180108T163150_C010 SOFFL_SIR_GOPM_2_20180108T163150_C010 SOFFL_SIR_GOPM_2_20180108T163150_C010 SOFFL_SIR_GOPM_2_20180108T163150_C010 SOFFL_SIR_GOPM_2_20180108T163150_C010 SOFFL_SIR_GOPM_2_20180108T180427_C001 SOFFL_SIR_GOPM_2_20180108T180608_20180108T180427_C001 SOFFL_SIR_GOPM_2_20180108T181160_C010 SOFFL_SIR_GOPM_2_20180108T181443_C001 SORFL_SIR_GOPM_2_20180108T181846_20180108T181443_C001 SORFL_SIR_GOPM_2_20180108T181862_20180108T181443_C001 SORFL_SIR_GOPM_2_20180108T181864_20180108T181443_C001 SORFL_SIR_GOPM_2_20180108T181864_20180108T186427_C001 SORFL_SIR_GOPM_2_20180108T181846_20180108T186427_C001 SORFL_SIR_GOPM_2_20180108T181846_20180108T186427_C001 SORFL_SIR_GOPM_2_20180108T18444_20180108T186427_C001 SORFL_SIR_GOPM_2_20180108T181866_20180108T186427_C001 SORFL_SIR_GOPM_2_20180108T18446_C0180108T186427_C001 SORFL_SIR_GOPM_2_20180108T18446_C0180108T186428_C0180108T1	CS_OFFL_SIR_GOPM_2_20180108T142631_20180108T142738_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
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CS_OFFL_SIR_GOPM_2_20180108T204446_20180108T204545_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status Statu	CS_OFFL_SIR_GOPM_2_20180108T195742_20180108T203053_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180108T210410_20180108T212321_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180108T212527_20180108T213036_C001 Ice Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180108T213612_20180108T221032_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. 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. SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter 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. SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter 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. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180108T204446_20180108T204545_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180108T212527_20180108T213036_C001 CS_OFFL_SIR_GOPM_2_20180108T213612_20180108T221032_C001 CS_OFFL_SIR_GOPM_2_20180108T223511_20180108T2223931_C001 CS_OFFL_SIR_GOPM_2_20180108T223511_20180108T223931_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 SWH Averaging Status, Ocean 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. 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_20180108T210410_20180108T212321_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180108T213612_20180108T221032_C001 CS_OFFL_SIR_GOPM_2_20180108T223511_20180108T223931_C001 CS_OFFL_SIR_GOPM_2_20180108T223511_20180108T223931_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 CS_OFFL_SIR_GOPM_2_20180108T234028_20180108T225806_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status St			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180108T223511_20180108T223931_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_C001 CS_OFFL_SIR_GOPM_2_20180108T231644_20180108T225806_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status Sta		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180108T224028_20180108T225806_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.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_201801087231644_201801087233410_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
	GS_OFFL_SIM_GOFNI_Z_ZU1001U01Z31044_ZU18U1U81Z3341U_CUU1		

CS_OFFL_SIR_GOPM_2_20180108T233838_20180108T234545_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_20180108T022627_20180108T022716_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_20180108T022716_20180108T023033_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_20180108T100112_20180108T100153_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_20180108T203331_20180108T204127_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_20180108T204346_20180108T204446_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_20180108T235459_20180108T235917_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

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

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

Number of products with errors:

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

6.1 P2P Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a NetCDF product file (.nc).

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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_20180108T190103_20180108T195043_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.

Number of products with errors: 29

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180108T000000_20180108T004934_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T004934_20180108T013913_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T013913_20180108T022847_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T022847_20180108T031827_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T031827_20180108T040801_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T040801_20180108T045740_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T045740_20180108T054714_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T054714_20180108T063654_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T063654_20180108T072628_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T072628_20180108T081608_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T081608_20180108T090542_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T090542_20180108T095521_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T095521_20180108T104455_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T104455_20180108T113435_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_220180108T113435_20180108T122409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T122409_20180108T131348_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_220180108T131348_20180108T140322_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T140322_20180108T145302_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T145302_20180108T154236_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T154236_20180108T163216_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T163216_20180108T172149_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T172149_20180108T181129_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T181129_20180108T190103_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T190103_20180108T195043_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T195043_20180108T204017_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T204017_20180108T212956_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T212956_20180108T221930_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T221930_20180108T230910_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T230910_20180108T235844_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.

lumber of products with errors:

00

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180108T000000_20180108T004934_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_20180108T004934_20180108T013913_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_20180108T013913_20180108T022847_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_20180108T022847_20180108T031827_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_20180108T031827_20180108T040801_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_20180108T040801_20180108T045740_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_20180108T045740_20180108T054714_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_20180108T054714_20180108T063654_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_20180108T063654_20180108T072628_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_20180108T072628_20180108T081608_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_20180108T081608_20180108T090542_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_20180108T090542_20180108T095521_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_20180108T095521_20180108T104455_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_20180108T104455_20180108T113435_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_20180108T113435_20180108T122409_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_20180108T122409_20180108T131348_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_20180108T131348_20180108T140322_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_20180108T140322_20180108T145302_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_20180108T145302_20180108T154236_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_220180108T154236_20180108T163216_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_20180108T163216_20180108T172149_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_20180108T172149_20180108T181129_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_20180108T181129_20180108T190103_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_20180108T190103_20180108T195043_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_20180108T195043_20180108T204017_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_20180108T204017_20180108T212956_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_20180108T212956_20180108T221930_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_20180108T221930_20180108T230910_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_20180108T230910_20180108T235844_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:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180108T000000_20180108T004934_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T004934_20180108T013913_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T013913_20180108T022847_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T022847_20180108T031827_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T031827_20180108T040801_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T040801_20180108T045740_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T045740_20180108T054714_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T054714_20180108T063654_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T063654_20180108T072628_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T072628_20180108T081608_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T081608_20180108T090542_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T090542_20180108T095521_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T095521_20180108T104455_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T104455_20180108T113435_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T113435_20180108T122409_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T122409_20180108T131348_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T131348_20180108T140322_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T140322_20180108T145302_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T145302_20180108T154236_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T154236_20180108T163216_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T163216_20180108T172149_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T172149_20180108T181129_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T190103_20180108T195043_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180108T195043_20180108T204017_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T204017_20180108T212956_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T212956_20180108T221930_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T221930_20180108T230910_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180108T230910_20180108T235844_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
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