







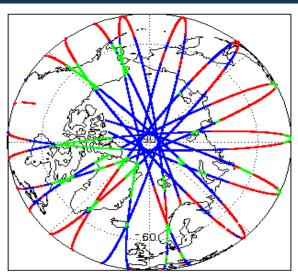
1. Overview

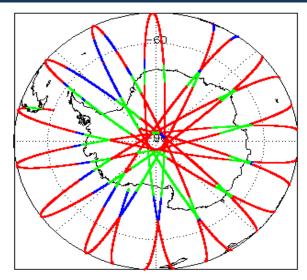
Report Production:	25-Mar-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

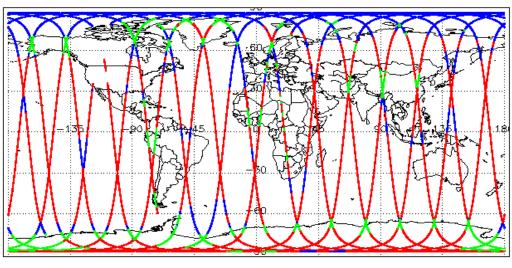
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	See Section 5.2	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

Mission / Instrument News		
21-Feb-2019	None	
22-Feb-2019	None	
23-Feb-2019	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.

Attitude Correction Missing: This flag is currently set in error for GOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

Λ

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

14

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190222T091643_20190222T091749_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190222T103448_20190222T103630_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190222T181958_20190222T182923_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T040542_20190222T040703_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T044542_20190222T044721_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T054644_20190222T054732_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T072411_20190222T072914_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T085716_20190222T085749_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T135510_20190222T135757_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T171356_20190222T171509_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190222T234710_20190222T234918_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190222T053923_20190222T054004_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190222T085518_20190222T085716_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190222T085925_20190222T090430_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:

Product	Test Failed
CS_OFFL_SIR_GOPR_2_20190222T021626_20190222T021736_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.

5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-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.

Number of products with errors:

0

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:

86

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190222T000229_20190222T002501_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T002746_20190222T003627_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

OO OFFI OID OODM A 20440000T004040 20440000T00F004 0004	Occasion Barrier Access since Obstant	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T004943_20190222T005224_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T010857_20190222T012843_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T013055_20190222T013555_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T014123_20190222T021448_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190222T024035_20190222T030331_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T030643_20190222T030701_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T031307_20190222T031459_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T032139_20190222T032910_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T032914_20190222T033745_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T033748_20190222T033921_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T034402_20190222T035221_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T040703_20190222T040951_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T041141_20190222T042801_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T043015_20190222T044455_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T050049_20190222T051625_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T051825_20190222T052746_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T055553_20190222T060715_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T061221_20190222T062721_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T062954_20190222T063815_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T064019_20190222T065727_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T065944_20190222T070155_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T073912_20190222T080625_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T081135_20190222T081637_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T081914_20190222T084502_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20190222T091643 20190222T091749 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20190222T091801 20190222T092756 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T093335_20190222T094524_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20190222T095057 20190222T095658 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20190222T095829 20190222T102047 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20190222T103448 20190222T103630 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T104954_20190222T112411_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20190222T113005 20190222T113529 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR GOPM 2 20190222T113704 20190222T114324 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T121334_20190222T121609_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T122937_20190222T123806_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T124051_20190222T130342_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T130900_20190222T131008_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T131013_20190222T131421_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T131546_20190222T132927_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T133114_20190222T133556_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T140804_20190222T144201_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T144409_20190222T144906_C001	Ice Range Averaging Status	records. The Ice Range Averaging Gatas Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190222T144927_20190222T145250_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190222T145510_20190222T145718_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T150007_20190222T153127_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T155131_20190222T155845_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T160437_20190222T162113_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T162252_20190222T162804_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T162840_20190222T163013_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T163804_20190222T165146_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T165400_20190222T170522_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20190222T173326_20190222T174221_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T174223_20190222T174346_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T174525_20190222T180016_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T180715_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T181550_20190222T181718_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T182923_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T183241_20190222T183737_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T193931_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T194631_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T204232_20190222T204313_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T205305_20190222T211853_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T212030_20190222T212545_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T212552_20190222T212919_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T213208_20190222T214348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T214926_20190222T220602_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T222955_20190222T223738_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T223741_20190222T224737_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T225219_20190222T225847_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T230030_20190222T230619_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T231131_20190222T234516_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T235912_20190222T235957_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T044753_20190222T045200_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T045411_20190222T045458_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T181718_20190222T181958_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T194647_20190222T194653_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T221743_20190222T221818_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190222T054732_20190222T054922_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190222T085925_20190222T090430_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190222T121609_20190222T121612_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190222T203303_20190222T204231_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190222T224738_20190222T225219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190222T225847_20190222T225904_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.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190222T000229_20190222T002501_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T002746_20190222T003627_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_20190222T004943_20190222T005224_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T010857_20190222T012843_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_20190222T013055_20190222T013555_C001	lice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T014123_20190222T021448_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_20190222T024035_20190222T030331_C001	0 0	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T031307_20190222T031459_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T032139_20190222T032910_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T033748_20190222T033921_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

C_CPT_SP_COMPL_200002710040_20001000100010001000100010001000010			
Compress	CS_OFFL_SIR_GOPM_2_20190222T034402_20190222T035221_C001		
Seasons Seas	CS_OFFL_SIR_GOPM_2_20190222T040703_20190222T040951_C001	Ice Backscatter Averaging Status	
Comp. St. Comm. 2 20000277100000 20000277000000 2000027700000 2000027700000 20000277000000 20000277000000 20000277000000 200002770000000000	CS_OFFL_SIR_GOPM_2_20190222T041141_20190222T042801_C001		* * * * * * * * * * * * * * * * * * * *
18 COMP 1, 2019 (2019) 2019 2	CS_OFFL_SIR_GOPM_2_20190222T043015_20190222T044455_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Co. Opt. 18. COPM 2. 2018222710025 219922210027 C. DOI 10. Opt. 18. COPM 19. COPM 2. 2018222710025 219922210027 C. DOI 10. Opt. 18. COPM 19. COPM 2. 2018222710025 219922210027 C. DOI 10. Opt. 18. COPM 19. COPM 2. 2018222710025 219922210027 C. DOI 10. Opt. 18. COPM 19. COPM 2. 2018222710025 219922210027 C. DOI 10. Opt. 18. COPM 19. C	CS_OFFL_SIR_GOPM_2_20190222T045201_20190222T045411_C001	0 0	The Ice Backscatter Averaging Status Flag has been set for one or more
Comparing Comparing Comparing Status (Planta Play have been set for or or or or or necessity) Comparing Comparing Comparing Status (Planta Play have been set for or or or or or necessity) Comparing Co	CS_OFFL_SIR_GOPM_2_20190222T050049_20190222T051625_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CO. CHI., SR. COPIL 2, 2016022710911, CORD. CO. CHI., SR. COPIL 2, 2016022710914, CORD. CO. CHI., SR. COPIL 2, 20160227110914, CORD. CO. CHI., SR.	CS OFFL SIR GOPM 2 20190222T051825 20190222T052746 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Co., OFF., BR., COPM. 2, 201002277100024, 201002277100012, 2010022771000012, 201002277100012, 201002277100012, 2010022771000012, 201002277100012, 20100227710		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_BIL_COPIL_2 20190227T00609_0100027T000102_C010 CS_OFFL_BIL_COPIL_2 20190227T00609_0100027T000102_C010 CS_OFFL_BIL_COPIL_2 20190227T00609_01000227T000102_C010 CS_OFFL_BIL_COPIL_2 20190227T00609_01000227T000100_C010 CS_OFFL_BIL_COPIL_2 20190227T00609_01000227T000102_C010 CS_OFFL_BIL_COPIL_2 20190227T00609_01000227T000100_C010 CS_OFFL_BIL_COPIL_2 20190227T00609_01000227T000100_C010 CS_OFFL_BIL_COPIL_2 20190227T00609_01000227T000100_C010 CS_OFFL_BIL_COPIL_2 20190227T10000_01000227T00000_C010 CS_OFFL_BIL_COPIL_2 20190227T10000_01000227T00000_C010 CS_OFFL_BIL_COPIL_2 20190227T10000_01000227T10000_C010 CS_OFFL_BIL_COPIL_2 20190227T10000_C01000227T10000_C010 CS_OFFL_BIL_COPIL_2 20190227T10000_C01000227T10000_C010 CS_OFFL_BIL_COPIL_2 20190227T10000_C01000227T10000_C010 CS_OFFL_BIL_COPIL_2 20190227T10000_C01000227T10000_C01000227T10000_C01000227T100000_C01000227T100000_C01000227T100000_C01000227T100000_C01000227T1000000000000000000000000000000		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_DEPL_SR_GORM_2_201000227104619_000022710456_0001 CS_DEPL_SR_GORM_2_201000227104612_0010022710456_0001 CS_DEPL_SR_GORM_2_201000227104612_0010022710460_0001 CS_DEPL_SR_GORM_2_201000227104610_0001 CS_DEPL_SR_GORM_2_201000227104600_0001 CS_DEPL_SR_GORM_2_201000227104600_0001 CS_DEPL_SR_GORM_2_201000227104600_000			
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Bellevation Amenging Status Plags have been set for one or more control. SOFTL, SR, GOON 2, 20190222719819-IJ 2019022719819-IJ 20190222719819-IJ 20190222719819-IJ 20190222719819-IJ 20190222719819-IJ 20190222719819-IJ 20190222719819-IJ 2019022719819-IJ 20190222719819-IJ 20190222719819-IJ 20190222719819-IJ 2019022719819-IJ			
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So CFFL_SIR_COPM_2_0100222710352_C010022710352_C010 SOFFL_SIR_COPM_2_01002227103162_C010022710352_C010 SOFFL_SIR_COPM_2_01002227103162_C010022710352_C010 SOFFL_SIR_COPM_2_01002227103652_C010022710352_C010 SOFFL_SIR_COPM_2_01002227103652_C0100227103652_C010 SOFFL_SIR_COPM_2_01002227103652_C0100227103652_C010 SOFFL_SIR_COPM_2_01002227103652_C0100227103652_C010 SOFFL_SIR_COPM_2_01002227103652_C0100227103650_C010 SOFFL_SIR_COPM_2_01002227103652_C0100227103650_C010 SOFFL_SIR_COPM_2_010022271103652_C01002271103650_C010 SOFFL_SIR_COPM_2_010022271103652_C01002271103650_C010 SOFFL_SIR_COPM_2_010022271103652_C01002271103650_C010 SOFFL_SIR_COPM_2_010022271103652_C01002271103650_C010 SOFFL_SIR_COPM_2_010022271103652_C01002271103650_C010 SOFFL_SIR_COPM_2_010022271103650_C01002271103660_C010 SOFFL_SIR_COPM_2_01002227110366_C010 SOFFL_SIR_COPM_2_010022271103660_C01002271103660_C010 SOFFL_SIR_COPM_2_010022271103660_C0100227103660_C010 SOFFL_SIR_COPM_2_010022271103660_C0100227103660_C010 SOFFL_SIR_COPM_2_010022271103660_C0100227103660_C010 SOFFL_SIR_COPM_2_010022271103660_C0100227103660_C010 SOFFL_SIR_COPM_2_010022271103660_C0100227103660_C010 SOFFL_SIR_COPM_2_010022271103660_C0100227103660_C01002027103660		Backscatter Averaging Status	more records.
Secretary Averaging Status Covers Secretary Averag	CS_OFFL_SIR_GOPM_2_20190222T081135_20190222T081637_C001		records.
So GFE, SR GOPM 2 09180227109302 01000271094514 C001 So GFE, SR GOPM 2 09180227109452 C001 SR GOFM 2 09180227109453 010027109454 C001 SR GOFM 2 09180227109453 010027109454 C001 SR GOFM 2 09180227109453 010027109454 C001 SR GOFM 2 09180227109457 03190227110947 C001 SR GOFM 2 09180227109459 010027110947 C001 SR GOFM 2 0918022710947 03180227110950 01001 SR GOFM 2 09180227110947 C0018027110950 01001 SR GOFM 2 09180227110950 010027110950 01001 SR GOFM 2 09180227110950 01001027110950 01001 SR GOFM 2 09180227110950 010027110950 01001 SR GOF	CS_OFFL_SIR_GOPM_2_20190222T081914_20190222T084502_C001	Backscatter Averaging Status	more records.
Southern Publish Communication South Service South Service	CS_OFFL_SIR_GOPM_2_20190222T091643_20190222T091749_C001	Backscatter Averaging Status	more records.
S. OFFL, SIR, GOPM 2, 20160222T100807_200022T100800_CO01 S. OFFL, SIR, GOPM 2, 20160222T100800_CO01 S. OFFL, SIR, GOPM 3, 20160222T100800_CO01 S. OFFL, SIR, GOPM 3, 20160222T1100800_CO01 S. OFFL, SIR, GOPM 3, 2016022ZT1100800_CO01 S. OFFL, SIR, GOPM 3, 201602ZZT1100800_CO01 S. OFFL, S	CS_OFFL_SIR_GOPM_2_20190222T091801_20190222T092756_C001	Backscatter Averaging Status	more records.
So GPEL_SR_GOPM_2 20100222110305_00100221103007_C010 So GPEL_SR_GOPM_2 20100222110305_00100222110300_C010 So GPEL_SR_GOPM_2 20100222110305_0010022110300_C010 So GPEL_SR_GOPM_2 20100222110305_0010022110300_C010 So GPEL_SR_GOPM_2 20100222110305_0010022110300_C010 So GPEL_SR_GOPM_2 20100222110305_0010022110300_C010 So GPEL_SR_GOPM_2 20100222110305_00100221110300_C010 So GPEL_SR_GOPM_2 201002221103005_00100221110300_C01	CS_OFFL_SIR_GOPM_2_20190222T093335_20190222T094524_C001		
Secretary According Status Se	CS_OFFL_SIR_GOPM_2_20190222T095057_20190222T095658_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status SOFEL SIR, GOPM_2 201902227113006_201102227114304_C001 SOFEL SIR, GOPM_2 201902227113006_201102227114304_C001 SOFEL SIR, GOPM_2 201902227113006_201102227114306_C001 SOFEL SIR, GOPM_2 201902227113006_201102227113006_C001 SOFEL SIR, GOPM_2 201902227113006_20110222713006_C001 SOFEL SIR, GOPM_2 20190222713006_20110222713006_C001 SOFEL SIR, GOPM_2 20190222713006_20110222713006_C001 SOFEL SIR, GOPM_2 20190222713006_20110222713006_C001 SOFEL SIR, GOPM_2 20190222713006_2010022713006_C001 SOFEL SIR, GOPM_2 20190222713006_2010022713006_C001 SOFEL SIR, GOPM_2 20190222713006_2010022713006_C001 SOFEL SIR, GOPM_2 20190222713006_001 SOFEL SIR, GOPM_2 20190222713006_0010000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190222T095829_20190222T102047_C001		* * *
SC OFFL_SIR_GOPM_2_20190222T119005_2019022T119380_C010 SC OFFL_SIR_GOPM_2_2019022T119005_2019022T119390_C010 SC OFFL_SIR_GOPM_2_2019022T119005_2019022T119390_C010 SC OFFL_SIR_GOPM_2_2019022T112005_2019022T1123000_C010 SC OFFL_SIR_GOPM_2_2019022T112005_2019022T1123000_C010 SC OFFL_SIR_GOPM_2_2019022T112005_2019022T1123000_C010 SC OFFL_SIR_GOPM_2_2019022T112005_2019005_2019022T112005_2019022T112005_2019022T112005_2019022T112005_2019022T112005_201903_2019022T112005_201903_2019022T112005_201902	CS_OFFL_SIR_GOPM_2_20190222T103448_20190222T103630_C001		
CS_OFFL_SIR_GOPM_2_20190222113002_20190222113030_20190222113030_20190222113030_201900022113030_20190000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190222T104954_20190222T112411_C001	SWH Averaging Status, Ocean	* * *
SOFFL SIR, GOPM 2_20190227114082 20190227114094 (20190227114095 (2019) SWH Averaging Status SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status 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. 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. 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	CS_OFFL_SIR_GOPM_2_20190222T113005_20190222T113529_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL SIR, GOPM 2_20190227112037_201902271140510_00105 SOFFL SIR, GOPM 2_201902271140512_001902271145045_00190	CS_OFFL_SIR_GOPM_2_20190222T113704_20190222T114324_C001		The SWH and Ocean Averaging Status Flags have been set for one or
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SOFFL SIR GOPM 2 20190222T16409 2019022T16510 2019022T16510 2019022T16510 2019022T16554 201902ZT16554 201902ZT1655	CS OFFL SIR GOPM 2 20190222T122937 20190222T123806 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SIR_GOPM_2_20190222T14540_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14540_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T14201_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T14505_C001 SOFFL_SIR_GOPM_2_20190222T14409_20190222T1451001_C001 SOFFL_SIR_GOPM_2_20190222T1440007_20190022T14510007_20190222T14510007_20190222T14510007_20190222T14510007_20190222T14510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T150007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T15510007_20190222T155100007_20190222T155100007_20190222T155100007_20190222T155100007_20190222T155100007_20190222T155100007_20190222T155100007_20190222T1551000007_20190222T15510000000000000000000000000000000	CS OFFL SIR GOPM 2 20190222T124051 20190222T130342 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL SIR GOPM 2 20190222T131546 20190222T14201C001 SOFFL SIR GOPM 2 20190222T14400 2019022T14400 C001 SOFFL SIR GOPM 2 20190222T14400 2019022T14400 C001 SOFFL SIR GOPM 2 20190222T14400 C001 SOFFL SIR GOPM 2 20190222T14400 C001 SOFFL SIR GOPM 2 20190222T14400 C001 SOFFL SIR GOPM 2 2019022T145510 C019022T14550 C001 SOFFL SIR GOPM 2 20190222T145510 C019022T14550 C001 SOFFL SIR GOPM 2 20190222T145510 C019022T14550 C001 SOFFL SIR GOPM 2 20190222T145510 C019022T145000 C019022T14500 C019022T145000 C019000 C0190			The Ice Backscatter Averaging Status Flag has been set for one or more
SO OFFL SIR GOPM 2 20190222T14400 20190222T14400 CO01 SO OFFL SIR GOPM 2 20190222T14400 20190222T14400 CO01 SO OFFL SIR GOPM 2 20190222T14400 20190222T14400 CO01 SO OFFL SIR GOPM 2 20190222T14400 20190222T14550 CO01 SO OFFL SIR GOPM 2 20190222T14400 CO01 SO OFFL SIR GOPM 2 20190222T14550 CO01 SO OFFL SIR GOPM 2 20190222T16804 CO01 SO OFFL SIR GOPM 2 2019022		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL.SIR_GOPM_2_20190222T146984_2019022T14550_0001 SOFFL_SIR_GOPM_2_2019022T14492T_2019022T14550_0001 SOFFL_SIR_GOPM_2_2019022T145510_2019022T14550_0001 SOFFL_SIR_GOPM_2_2019022T145510_2019022T145510_2019022T145510_2019022T145510_2019022T145510_2019022T145510_2019022T145510_2019022T150007_2019022T160007_2019022T160007_20190022T160007_20190022T160007_20190022T160007_20190022T160007_201900007_2019000		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status Source		SWH Averaging Status, Ocean	
CS_OFFL_SIR_GOPM_2_20190222T14520_201001 CS_OFFL_SIR_GOPM_2_20190222T145718_C001 CS_OFFL_SIR_GOPM_2_20190222T15010_20190222T15312_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20190222T15312_D190222T155127_C001 CS_OFFL_SIR_GOPM_2_20190222T15312_D190222T15545_C001 CS_OFFL_SIR_GOPM_2_20190222T15312_D190222T155845_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T162804_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T163013_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T163013_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16546_C001 CS_OFFL_SIR_GOPM_2_20190222T162804_D190222T16520_D19022T16546_C001 CS_OFFL_SIR_GOPM_2_2019022ZT162804_D19022ZT16520_D19022ZT16546_C001 CS_OFFL_SIR_GOPM_2_2019022ZT165400_D19022ZT16520_D19022ZT165400_D1		8 8	
SWH Averaging Status, Ocean Backscatter Averaging Status and Status Flags have been set for one or			
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Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20190222T16282_20190222T163013_C001 CS_OFFL_SIR_GOPM_2_20190222T163804_20190222T165146_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20190222T176326_20190222T170522_C001 CS_OFFL_SIR_GOPM_2_20190222T173326_20190222T174221_C001 CS_OFFL_SIR_GOPM_2_20190222T173326_20190222T174221_C001 CS_OFFL_SIR_GOPM_2_20190222T173326_20190222T174221_C001 CS_OFFL_SIR_GOPM_2_20190222T174525_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T18255_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180142_0190222T180155_001 CS_OFFL_SIR_GOPM_2_20190222T1801550_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T181550_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T181582_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T18164_0010022T182933_C001 CS_OFFL_SIR_GOPM_2_20190222T181582_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T181582_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T181582_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T181582_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T18164_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T18164_20190222T183931_C001 CS_OFFL_SIR_GOPM_2_20190222T18164_20190222T184031_C001 CS_OFFL_SIR_GOPM_2_20190222T19582_32_0190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19582_32_0190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19582_32_0190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19583_30190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19583_30190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19583_30190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19583_30190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19583_30190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19583_30190222T194831_C001 CS_OFFL_SIR_GOPM_2_20190222T19583_30190222T194831_C001 CS_OFFL_SIR_GOPM_2_2019022T19583_3019022T19483_0010 CS_OFFL_SIR_GOPM_2_20190222T19583_3019022T19483_0010 CS_OFFL_SIR_GOPM_2_20190222T19583_3019022T19483_0010 CS_OFFL_SIR_GOPM_2_20190222T19483_3019022T19483_0010 CS_O	CS_OFFL_SIR_GOPM_2_20190222T155131_20190222T155845_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20190222T163804_20190222T165146_C001 CS_OFFL_SIR_GOPM_2_20190222T165400_20190222T165146_C001 CS_OFFL_SIR_GOPM_2_20190222T165400_20190222T170522_C001 CS_OFFL_SIR_GOPM_2_20190222T165400_20190222T170522_C001 CS_OFFL_SIR_GOPM_2_20190222T173326_20190222T174221_C001 CS_OFFL_SIR_GOPM_2_20190222T174525_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T180244_20190222T18778_C001 CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T18779_C001 CS_OFFL_SIR_GOPM_2_20190222T183341_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T183241_20190222T183931_C001 CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194621_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194621_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194621_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194621_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194240001	CS_OFFL_SIR_GOPM_2_20190222T160437_20190222T162113_C001		more records.
CS_OFFL_SIR_GOPM_2_20190222T163804_20190222T165146_C001 CS_OFFL_SIR_GOPM_2_20190222T165400_20190222T17522_C001 CS_OFFL_SIR_GOPM_2_20190222T175326_20190222T174221_C001 CS_OFFL_SIR_GOPM_2_20190222T173326_20190222T174221_C001 CS_OFFL_SIR_GOPM_2_20190222T174525_20190222T18016_C001 CS_OFFL_SIR_GOPM_2_20190222T174525_20190222T180016_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T180715_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T180715_C001 CS_OFFL_SIR_GOPM_2_20190222T180214_20190222T180715_C001 CS_OFFL_SIR_GOPM_2_20190222T181550_20190222T181718_C001 CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T181718_C001 CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T181718_C001 CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T183241_C0190222T183241_C0190222T183241_C0190222T183241_C0190222T183241_C0190222T18331_C001 CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T193931_C001 CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T194231_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T194231_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T104131_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T104413_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T1044131_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T104431_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T104513_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T104531_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T104531_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T104531_C001 CS_OFFL_SIR_GOPM_2_20190222T19	CS_OFFL_SIR_GOPM_2_20190222T162252_20190222T162804_C001	Ice Backscatter Averaging Status	records.
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CS_OFFL_SIR_GOPM_2_20190222T181550_20190222T181718_C001 CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T182923_C001 CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T182923_C001 CS_OFFL_SIR_GOPM_2_20190222T183241_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T183241_20190222T183737_C001 CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T193931_C001 CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T193931_C001 CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T1942_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_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 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. SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20190222T174525_20190222T180016_C001		* * * * * * * * * * * * * * * * * * * *
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CS_OFFL_SIR_GOPM_2_20190222T183241_20190222T183737_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_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 loe Backscatter Averaging Status Flags have been set for one or more records. 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. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records	CS_OFFL_SIR_GOPM_2_20190222T181958_20190222T182923_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190222T191624_20190222T193931_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_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.	CS_OFFL_SIR_GOPM_2_20190222T183241_20190222T183737_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190222T194248_20190222T194631_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_C001 CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_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_20190222T191624_20190222T193931_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190222T195238_20190222T201942_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 The SWH and Ocean Averaging Status Flags have been set for one or			The Ice Backscatter Averaging Status Flag has been set for one or more
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Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Backscatter Averaging Status	more records.

CS_OFFL_SIR_GOPM_2_20190222T205305_20190222T211853_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_20190222T212030_20190222T212545_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T212552_20190222T212919_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T213208_20190222T214348_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_20190222T214926_20190222T220602_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_20190222T223741_20190222T224737_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_20190222T225219_20190222T225847_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_20190222T230030_20190222T230619_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190222T231131_20190222T234516_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T044753_20190222T045200_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T045411_20190222T045458_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T194647_20190222T194653_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190222T221743_20190222T221818_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_20190222T054732_20190222T054922_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_20190222T085925_20190222T090430_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_20190222T121609_20190222T121612_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_20190222T203303_20190222T204231_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_20190222T224738_20190222T225219_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_20190222T225847_20190222T225904_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:

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.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20190221T235602_20190222T004537_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T004537_20190222T013516_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T013516_20190222T022450_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T022450_20190222T031429_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_220190222T031429_20190222T040404_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T040404_20190222T045343_C001		The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_GOP_2_20190222T045343_20190222T054318_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_20190222T054318_20190222T063256_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T063256_20190222T072231_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_20190222T072231_20190222T081210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T081210_20190222T090145_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_20190222T090145_20190222T095124_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T095124_20190222T104058_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_20190222T104058_20190222T113037_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T113037_20190222T122012_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_20190222T122012_20190222T130951_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_20190222T130951_20190222T135926_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_20190222T135926_20190222T144904_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T144904_20190222T153839_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_20190222T153839_20190222T162818_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_20190222T162818_20190222T171753_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T171753_20190222T180731_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_20190222T180731_20190222T185706_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T185706_20190222T194645_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_20190222T194645_20190222T203620_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T203620_20190222T212559_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_20190222T212559_20190222T221533_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_20190222T221533_20190222T230512_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_220190222T230512_20190222T235447_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T235447_20190223T004426_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_2_20190221T235602_20190222T004537_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_20190222T004537_20190222T013516_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_20190222T013516_20190222T022450_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_20190222T022450_20190222T031429_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_20190222T031429_20190222T040404_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_20190222T040404_20190222T045343_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_20190222T045343_20190222T054318_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_20190222T054318_20190222T063256_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_20190222T063256_20190222T072231_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_20190222T072231_20190222T081210_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_20190222T081210_20190222T090145_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_20190222T090145_20190222T095124_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_220190222T095124_20190222T104058_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_20190222T104058_20190222T113037_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_20190222T113037_20190222T122012_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_20190222T122012_20190222T130951_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_20190222T130951_20190222T135926_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_20190222T135926_20190222T144904_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_20190222T144904_20190222T153839_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_20190222T153839_20190222T162818_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_20190222T162818_20190222T171753_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_20190222T171753_20190222T180731_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_20190222T180731_20190222T185706_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_20190222T185706_20190222T194645_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_20190222T194645_20190222T203620_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_20190222T203620_20190222T212559_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_20190222T212559_20190222T221533_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_20190222T221533_20190222T230512_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_20190222T230512_20190222T235447_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_20190222T235447_20190223T004426_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.

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20190221T235602_20190222T004537_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T004537_20190222T013516_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T013516_20190222T022450_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T031429_20190222T040404_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T040404_20190222T045343_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T045343_20190222T054318_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T054318_20190222T063256_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T063256_20190222T072231_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T072231_20190222T081210_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T081210_20190222T090145_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T090145_20190222T095124_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T095124_20190222T104058_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T104058_20190222T113037_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T122012_20190222T130951_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T130951_20190222T135926_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T135926_20190222T144904_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T153839_20190222T162818_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T162818_20190222T171753_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T171753_20190222T180731_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T180731_20190222T185706_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T185706_20190222T194645_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190222T194645_20190222T203620_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220190222T203620_20190222T212559_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T212559_20190222T221533_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T221533_20190222T230512_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190222T230512_20190222T235447_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.