



1. Overview

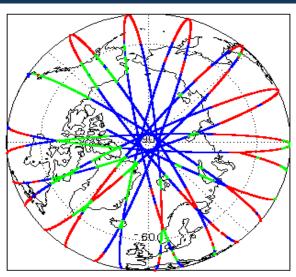
Report Production:	09-Jan-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

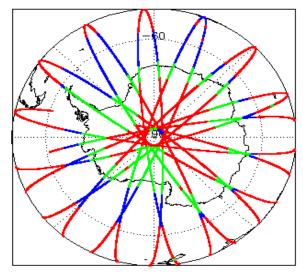
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

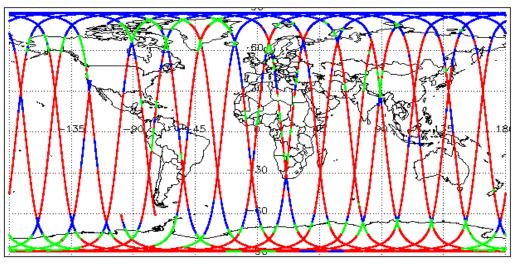
Mission / Instrument News	
04-Dec-2018	None
05-Dec-2018	None

06-Dec-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.

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:

20

Product	Test Failed	Description
CS OFFL SIR GOPM1B 20181205T074918 20181205T075651 C001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR GOPM1B 20181205T205915 20181205T211140 C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T022522_20181205T022641_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T081057_20181205T081217_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T081527_20181205T081752_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T094519_20181205T094558_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T112931_20181205T113422_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T130138_20181205T130250_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T161653_20181205T161820_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T180005_20181205T180313_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T211459_20181205T211800_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20181205T211911_20181205T212125_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T040524_20181205T040848_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T070850_20181205T071549_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T095914_20181205T100039_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T143239_20181205T143442_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T220456_20181205T220545_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T225949_20181205T230512_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T230544_20181205T230644_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20181205T234414_20181205T234537_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

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:

0

5.5 L2 Measurement Confidence Data Check

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

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:

84

Product	Test Failed	Description The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T000941_20181205T003511_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20181205T003834_20181205T004232_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T004253_20181205T004617_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T004941_20181205T010046_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T010619_20181205T011613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T014733_20181205T021402_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T021703_20181205T022146_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T022151_20181205T022521_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T023017_20181205T030310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T031549_20181205T031756_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T034746_20181205T034959_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T035651_20181205T040213_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T040848_20181205T043018_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T043304_20181205T044237_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_20181205T045429_20181205T045815_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20181205T051422_20181205T051931_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T052101_20181205T053128_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T053619_20181205T054112_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T054750_20181205T055333_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T055340_20181205T062054_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T064127_20181205T070850_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T072717_20181205T074437_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_20181205T074918_20181205T075651_C001 CS_OFFL_SIR_GOPM_2_20181205T081752_20181205T083321_C001	Ocean Range Averaging Status Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T083535_20181205T085032_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T085714_20181205T085930_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_20181205T090009_20181205T090428_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T090636_20181205T092106_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20181205T092528_20181205T093738_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T100039_20181205T100708_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T100811_20181205T101049_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T101702_20181205T103151_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T103505_20181205T104333_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T104605_20181205T110833_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T114420_20181205T121043_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T121410_20181205T121604_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T121656_20181205T122142_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T122518_20181205T122737_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T122747_20181205T125004_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T132320_20181205T1333316_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T133854_20181205T134842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T135615_20181205T140211_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T140436_20181205T142521_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T142524_20181205T143238_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T144003_20181205T144208_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
00_011 E_0111_001 WI_2_201012001 144000_201012001 144200_0001	Occali Nange Averaging Status	records.

CS_OFFL_SIR_GOPM_2_20181205T145453_20181205T152827_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T153523_20181205T154042_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T154456_20181205T154539_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T154718_20181205T154840_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T161821_20181205T162054_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T162131_20181205T162213_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T163425_20181205T164324_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T164610_20181205T170758_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T171413_20181205T171525_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T171532_20181205T171938_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T172427_20181205T173442_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T173629_20181205T174236_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T174418_20181205T174903_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T181327_20181205T184647_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T185443_20181205T185745_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T190522_20181205T193612_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T193749_20181205T193945_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T193945_20181205T194113_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T195513_20181205T200405_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T200440_20181205T202611_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T203359_20181205T203526_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T204300_20181205T205257_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T205915_20181205T2111140_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T213702_20181205T214905_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T215045_20181205T220456_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T221312_20181205T221415_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T222050_20181205T224005_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T224011_20181205T224252_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T224427_20181205T225219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T232145_20181205T234413_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T235832_20181206T002436_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20181205T094519_20181205T094558_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T021539_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001	Ice Range Averaging Status	The Ice 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_20181205T000941_20181205T003511_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_20181205T003834_20181205T004232_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T004253_20181205T004617_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T004941_20181205T010046_C001	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	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T010619_20181205T011613_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T014733_20181205T021402_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_20181205T021703_20181205T022146_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
	ice backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T022151_20181205T022521_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20181205T023017_20181205T030310_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_20181205T031549_20181205T031756_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T034746_20181205T034959_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T035651_20181205T040213_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T040848_20181205T043018_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_20181205T043304_20181205T044237_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T045429_20181205T045815_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T051422_20181205T051931_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_20181205T052101_20181205T053128_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_20181205T053619_20181205T054112_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T054750_20181205T055333_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T055340_20181205T062054_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_20181205T064127_20181205T070850_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_20181205T071824_20181205T072017_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T072717_20181205T074437_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T074918_20181205T075651_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_20181205T081218_20181205T081527_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T081752_20181205T083321_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
C3_OFFL_3IK_GOFM_2_201612031061732_201612031063321_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T083535_20181205T085032_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T085714_20181205T085930_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T090009_20181205T090428_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T090636_20181205T092106_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
C3_O11E_3II_GOFM_2_201012031090030_201012031092100_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T092528_20181205T093738_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T100039_20181205T100708_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_20181205T100811_20181205T101049_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR GOPM 2 20181205T101702 20181205T103151 C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T103505_20181205T104333_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20181205T104605_20181205T110833_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_20181205T114420_20181205T121043_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T121410_20181205T121604_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20181205T121656_20181205T122142_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20181205T122518_20181205T122737_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_20181205T122747_20181205T125004_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T132320_20181205T133316_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T133854_20181205T134842_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T135615_20181205T140211_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T140436_20181205T142521_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T142524_20181205T143238_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
C3_OFF3II_GOFWI_2_201012031142324_201012031143230_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T145453_20181205T152827_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T153523_20181205T154042_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T161821_20181205T162054_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T162131_20181205T162213_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20181205T163425_20181205T164324_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20181205T164610_20181205T170758_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_20181205T171413_20181205T171525_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20181205T171532_20181205T171938_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
/	Ice Backscatter Averaging Status	
00 0551 010 00014 0 051-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records.
CS_OFFL_SIR_GOPM_2_20181205T172427_20181205T173442_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status	

SWH Averaging Saltus	CS_OFFL_SIR_GOPM_2_20181205T173629_20181205T174236_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
Soffel Sir GoPM 2 201812051194017 201812051193015 201912051193	CS_OFFL_SIR_GOPM_2_20181205T174418_20181205T174903_C001		
CS_OFFL_SIR_GOPM_2_20181205T189454_20181205T18974_COULD LOSE Backscatter Averaging Status. Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20181205T193945_20181205T193942_COULD LOSE Backscatter Averaging Status. Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20181205T193945_20181205T200406_COULD LOSE Backscatter Averaging Status. Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20181205T193945_20181205T200406_COULD LOSE Backscatter Averaging Status. Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20181205T200404_20181205T200406_COULD LOSE Backscatter Averaging Status. Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20181205T200404_20181205T200311_COULD LOSE Backscatter Averaging Status. Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20181205T200404_20181205T200312_COULD LOSE Backscatter Averaging Status. CS_OFFL_SIR_GOPM_2_20181205T200319_20181205T200312_COULD LOSE Backscatter Averaging Status. CS_OFFL_SIR_GOPM_2_20181205T200319_20181205T200526_COULD LOSE Backscatter Averaging Status. CS_OFFL_SIR_GOPM_2_20181205T200319_20181205T20556_COULD LOSE Backscatter Averaging Status. CS_OFFL_SIR_GOPM_2_20181205T200319_20181205T200560_COULD LOSE Backscatter Averaging Status. CS_OFFL_SIR_GOPM_2_20181205T200319_20181205T200560_COULD LOSE Backscatter Averaging Status. CS_OFFL_SIR_GOPM_2_20181205T200560_COULD LOSE	CS_OFFL_SIR_GOPM_2_20181205T181327_20181205T184647_C001		
CS_OFFL_SIR_GOPM_2_20181205T190542_20181205T190545_C001 SOFFL_SIR_GOPM_2_20181205T190549_20181205T190549_C001 CS_OFFL_SIR_GOPM_2_20181205T190549_20181205T190549_C001 CS_OFFL_SIR_GOPM_2_20181205T190549_20181205T190549_C001 CS_OFFL_SIR_GOPM_2_20181205T190549_20181205T190549_C001 CS_OFFL_SIR_GOPM_2_20181205T190549_20181205T200409_C001 CS_OFFL_SIR_GOPM_2_20181205T200440_20181205T202611_C001 CS_OFFL_SIR_GOPM_2_20181205T200440_20181205T200540_C001 CS_OFFL_SIR_GOPM_2_20181205T200549_20181205T200540_C001 CS_OFFL_SIR_GOPM_2_20181205T200540_20181205T200540_C001 CS_OFFL_SIR_GOPM_2_20181205T200540_20181205T200540_C001 CS_OFFL_SIR_GOPM_2_20181205T200540_C001540_C001 CS_OFFL_SIR_GOPM_2_20181205T200540_C001540_C001 CS_OFFL_SIR_GOPM_2_20181205T200540_C001540_	CS_OFFL_SIR_GOPM_2_20181205T184917_20181205T185423_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T193749_20181205T1930945_C001 Los Backscatter Averaging Status The los Backscatter Averaging Status Flag has been set for one or more records. SOFFL_SIR_GOPM_2_20181205T193945_20181205T1940143_C001 SOFFL_SIR_GOPM_2_20181205T193945_20181205T204065_C001 SOFFL_SIR_GOPM_2_20181205T202414_20181205T204065_C001 SOFFL_SIR_GOPM_2_20181205T202414_20181205T203221_C001 SOFFL_SIR_GOPM_2_20181205T202414_20181205T203221_C001 SOFFL_SIR_GOPM_2_20181205T20336_20181205T2032526_C001 SOFFL_SIR_GOPM_2_20181205T20356_20181205T201416_C001 SOFFL_SIR_GOPM_2_20181205T20356_20181205T20140_C001 SOFFL_SIR_GOPM_2_20181205T20356_C001 SOFFL_SIR_GOPM_2_20181205T20351_20181205T21140_C001 SOFFL_SIR_GOPM_2_20181205T20351_20181205T21140_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T21140_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T201456_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T201456_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T201456_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T201456_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T201456_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T221415_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T221415_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T221415_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T221415_C001 SOFFL_SIR_GOPM_2_20181205T20371_20181205T221415_C001 SOFFL_SIR_GOPM_2_20181205T205722445_20181205T2221415_C001 SOFFL_SIR_GOPM_2_20181205T2037245_20181205T221415_C001 SOFFL_SIR_GOPM_2_20181205T2037245_20181205T203510_C001 SOFFL_SIR_GOPM_2_20181205T2037245_20181205T203510_C001 SOFFL_SIR_GOPM_2_20181205T2037245_20181205T203510_C001 SOFFL_SIR_GOPM_2_20181205T2037245_20181205T203510_C001 SOFFL_SIR_GOPM_2_20181205T20345_20181205T203510_C001 SOFFL_SIR_GOPM_2_20181205T20345_20181205T203510_C001 SOFFL_SIR_GOPM_2_20181205T203502540_C001 SOFFL_SIR_GOPM_2_20181205T20345_20181205T203510_C001 SOFFL_SIR_GOPM_2_20181205T203502510_C001 SOFFL_SIR_GOPM_2_20181205T203502500000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20181205T185443_20181205T185745_C001	Ice Backscatter Averaging Status	
to Backscatter Averaging Status for Bac	CS_OFFL_SIR_GOPM_2_20181205T190522_20181205T193612_C001		
tecods. Soff-ListR_GOPM_2_20181205195513_20181205720406_c001 SWH Averaging Status SWH Averaging Status Feorods. Feorods. Feorods. SWH Averaging Status Feorods. Feorods. SWH Averaging Status Feorods. Feorods. Feorods. Feorods. Feorods. Feorods. Feorods. Feorods. SWH Averaging Status Feorods. Feorods	CS_OFFL_SIR_GOPM_2_20181205T193749_20181205T193945_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status SWH Averaging Status CS_OFFL_SIR_GOPM_2_20181205T200440_20181205T203321_C001 CS_OFFL_SIR_GOPM_2_20181205T203359_20181205T203326_C001 CS_OFFL_SIR_GOPM_2_20181205T203359_20181205T203526_C001 CS_OFFL_SIR_GOPM_2_20181205T204300_20181205T203526_C001 CS_OFFL_SIR_GOPM_2_20181205T204300_20181205T203526_C001 CS_OFFL_SIR_GOPM_2_20181205T204300_20181205T202557_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20181205T205915_20181205T21140_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20181205T213700_20181205T21405_C001 CS_OFFL_SIR_GOPM_2_20181205T213700_20181205T21405_C001 CS_OFFL_SIR_GOPM_2_20181205T20331_20181205T220356_C001 CS_OFFL_SIR_GOPM_2_20181205T220331_20181205T22131_C001 CS_OFFL_SIR_GOPM_2_20181205T220331_20181205T22131_C001 CS_OFFL_SIR_GOPM_2_20181205T220331_20181205T22131_C001 CS_OFFL_SIR_GOPM_2_20181205T220331_20181205T22131_C001 CS_OFFL_SIR_GOPM_2_20181205T220331_20181205T22131_C001 CS_OFFL_SIR_GOPM_2_20181205T22305T22031_C0181205T22131_C001 CS_OFFL_SIR_GOPM_2_20181205T22305T22031_C0181205T22131_C0181205T220331_C0181205T220331_C0181205T220331_C0181205T220331_C0181205T220331_C0181205T220351_C0181205T220331_C0181205T220331_C0181205T220351_C0181205T20351_C0181205T20351_C0181205T203531_C0181205T20351_C018120	CS_OFFL_SIR_GOPM_2_20181205T193945_20181205T194113_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status GS_OFFL_SIR_GOPM_2_20181205T202814_20181205T203321_CO01 CS_OFFL_SIR_GOPM_2_20181205T203599_20181205T203526_CO01 CS_OFFL_SIR_GOPM_2_20181205T203599_20181205T203526_CO01 CS_OFFL_SIR_GOPM_2_20181205T204300_20181205T205257_CO01 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Avera	CS_OFFL_SIR_GOPM_2_20181205T195513_20181205T200405_C001		
tes Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag have been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag have been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag have been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag have been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag have been set for one or more records. SWH Averaging Status Coean Backscatter Averaging Status Flag have been set for one or more records. SWH Averaging Status Flag have been set for one or more records. SWH Averaging Status Flag have been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag has been set for one or more records. SWH Averaging Status Flag have been set for one or more	CS_OFFL_SIR_GOPM_2_20181205T200440_20181205T202611_C001		
CS_OFFL_SIR_GOPM_2_20181205T204300_20181205T205257_CO01 SWH Averaging Status Ice Backscatter Averaging Status Ice	CS_OFFL_SIR_GOPM_2_20181205T202814_20181205T203321_C001	Ice Backscatter Averaging Status	
Symphology Status Control Symphology Status	CS_OFFL_SIR_GOPM_2_20181205T203359_20181205T203526_C001	Ice Backscatter Averaging Status	
SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been s	CS_OFFL_SIR_GOPM_2_20181205T204300_20181205T205257_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T215045_20181205T220456_C001 SWH Averaging Status packscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T220731_20181205T22131_C001 Loe Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T221312_20181205T221415_C001 Loe Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T222050_20181205T221415_C001 Loe Backscatter Averaging Status SWH Averaging Status CS_OFFL_SIR_GOPM_2_20181205T222050_20181205T22405_C001 SWH Averaging Status SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_GOPM_2_20181205T222050_20181205T22405_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The Loe Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Loe Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Loe Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more	CS_OFFL_SIR_GOPM_2_20181205T205915_20181205T2111140_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T220731_20181205T221231_CO01 Loe Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. The loe Backscatter Averaging Status Flag has been set for one or more records. The loe Backscatter Averaging Status Flag has been set for one or more records. The loe Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The loe Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The loe Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. 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	CS_OFFL_SIR_GOPM_2_20181205T213702_20181205T214905_C001		
CS_OFFL_SIR_GOPM_2_20181205T221312_20181205T221415_C001 CS_OFFL_SIR_GOPM_2_20181205T2221312_20181205T222405_C001 CS_OFFL_SIR_GOPM_2_20181205T222427_20181205T222405_C001 CS_OFFL_SIR_GOPM_2_20181205T224427_20181205T225219_C001 CS_OFFL_SIR_GOPM_2_20181205T224427_20181205T225219_C001 CS_OFFL_SIR_GOPM_2_20181205T224427_20181205T225219_C001 CS_OFFL_SIR_GOPM_2_20181205T232145_20181205T234413_C001 CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001 CS_OFFL_SIR_GOPM_2_20181205T2353832_20181206T002436_C001 CS_OFFL_SIR_GOPM_2_20181205T034519_20181205T094558_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPM_2_20181205T03401_20181205T003456_C001 CS_OFFL_SIR_GOPM_2_20181205T03401_20181205T003458_C001 CS_OFFL_SIR_GOPM_2_20181205T03401_20181205T003458_C001 CS_OFFL_SIR_GOPM_2_20181205T03402_20181205T003458_C001 CS_OFFL_SIR_GOPM_2_20181205T004509_C001 CS_OFFL_SIR_GOPM_2_20181205T004509_C001 CS_OFFL_SIR_GOPM_2_20181205T004500_C001 CS_O	CS_OFFL_SIR_GOPM_2_20181205T215045_20181205T220456_C001		
CS_OFFL_SIR_GOPM_2_20181205T222050_20181205T222019_C001 SWH Averaging Status, Ocean Backscatter Averaging Status (CS_OFFL_SIR_GOPM_2_20181205T224427_20181205T225219_C001) SWH Averaging Status, Ocean Backscatter Averaging Status (CS_OFFL_SIR_GOPM_2_20181205T232145_20181205T234413_C001) CS_OFFL_SIR_GOPM_2_20181205T232145_20181205T234413_C001 CS_OFFL_SIR_GOPM_2_20181205T2324811_20181205T234413_C001 CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001 CS_OFFL_SIR_GOPM_2_20181205T235832_20181206T002436_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPR_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195312_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195312_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195313_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T19	CS_OFFL_SIR_GOPM_2_20181205T220731_20181205T221231_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T224427_20181205T225219_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T234413_C001 CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T234413_C001 CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001 CS_OFFL_SIR_GOPM_2_20181205T235382_20181206T002436_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195515_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195515_C001 CS_OFFL_SIR_GOPR_2_20181205T19334_20181205T09334_C001 CS_OFFL_SIR_GOPR_2_20181205T193334_20181205T09334_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195312_C001 Backscatter Averaging Status more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more r	CS_OFFL_SIR_GOPM_2_20181205T221312_20181205T221415_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T232145_20181205T234413_C001 CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001 CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001 CS_OFFL_SIR_GOPM_2_20181205T235832_20181206T002436_C001 CS_OFFL_SIR_GOPM_2_20181205T094558_C001 CS_OFFL_SIR_GOPN_2_20181205T094559_20181205T094558_C001 CS_OFFL_SIR_GOPR_2_20181205T094519_20181205T021539_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T0450334_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T105512_C001 CS_OFFL_SIR_GOPR_2_20181205T105155_C	CS_OFFL_SIR_GOPM_2_20181205T222050_20181205T224005_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001 CS_OFFL_SIR_GOPM_2_20181205T235832_20181206T002436_C001 CS_OFFL_SIR_GOPM_2_20181205T235832_20181206T002436_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T021539_C001 CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T021539_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T19534_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_205T19534_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_205T19534_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_205T19534_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_SIR_GOPR_2_20181205T195334_C001 CS_OFFL_S	CS_OFFL_SIR_GOPM_2_20181205T224427_20181205T225219_C001		
CS_OFFL_SIR_GOPM_2_20181205T035832_20181205T094558_C001 CS_OFFL_SIR_GOPM_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T021539_C001 CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T03033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T195515_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T23334_20181205T130340_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T23334_20181205T233340_C001 CS_OFFL_SIR_GOPR_2_20181205T233344_20181205T233340_C001 CS_OFFL_SIR_GOPR_2_20181205T233344_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T2033344_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T2033344_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T2033344_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_	CS_OFFL_SIR_GOPM_2_20181205T232145_20181205T234413_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPN_2_20181205T094519_20181205T094558_C001 CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T021539_C001 CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20	CS_OFFL_SIR_GOPM_2_20181205T234811_20181205T235148_C001	Ice Backscatter Averaging Status	
Backscatter Averaging Status CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T021539_C001 CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T19512_C001 Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status 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. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH 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 averaging Status Flags have been set for one or more records. The SWH averaging Status Flags have been set for one or more records. The SWH averaging Status Flags hav	CS_OFFL_SIR_GOPM_2_20181205T235832_20181206T002436_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPN_2_20181205T094519_20181205T094558_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001 CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001	CS_OFFL_SIR_GOPR_2_20181205T021402_20181205T021539_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPR_2_20181205T195033_20181205T19518_C001 CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T195312_C001 Light Status More records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPR_2_20181205T030641_20181205T030810_C001		
Backscatter Averaging Status more records. CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001 CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001 Backscatter Averaging Status, Ocean Backscatter 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 or more records.	CS_OFFL_SIR_GOPR_2_20181205T045202_20181205T045334_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPR_2_201812051195155_201812051195512_C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPR_2_20181205T130033_20181205T130138_C001		
	CS_OFFL_SIR_GOPR_2_20181205T195155_20181205T195512_C001		
	CS_OFFL_SIR_GOPR_2_20181205T203334_20181205T203340_C001	Ice Backscatter Averaging Status	

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:

C

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_220181204T235314_20181205T004253_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_20181205T004253_20181205T013227_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_20181205T013227_20181205T022206_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_20181205T022206_20181205T031141_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T031141_20181205T040120_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_20181205T040120_20181205T045054_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T045054_20181205T054033_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_20181205T054033_20181205T063008_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T063008_20181205T071947_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_20181205T071947_20181205T080922_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T080922_20181205T085900_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_220181205T085900_20181205T094835_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_20181205T094835_20181205T103814_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_20181205T103814_20181205T112749_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_20181205T112749_20181205T121728_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_20181205T121728_20181205T130702_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_20181205T130702_20181205T135641_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T135641_20181205T144616_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_20181205T144616_20181205T153555_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T153555_20181205T162529_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_20181205T162529_20181205T171508_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T171508_20181205T180443_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_20181205T180443_20181205T185422_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_20181205T185422_20181205T194356_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T194356_20181205T203335_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_20181205T203335_20181205T212310_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_220181205T212310_20181205T221249_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T221249_20181205T230224_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_20181205T230224_20181205T235202_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.

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_20181204T235314_20181205T004253_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_20181205T004253_20181205T013227_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_20181205T013227_20181205T022206_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_20181205T022206_20181205T031141_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_20181205T031141_20181205T040120_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_20181205T040120_20181205T045054_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_20181205T045054_20181205T054033_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_220181205T054033_20181205T063008_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_20181205T063008_20181205T071947_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_20181205T071947_20181205T080922_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_20181205T080922_20181205T085900_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_20181205T085900_20181205T094835_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_20181205T094835_20181205T103814_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_20181205T103814_20181205T112749_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_20181205T112749_20181205T121728_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_20181205T121728_20181205T130702_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_20181205T130702_20181205T135641_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_20181205T135641_20181205T144616_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_20181205T144616_20181205T153555_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_20181205T153555_20181205T162529_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_20181205T162529_20181205T171508_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_20181205T171508_20181205T180443_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_20181205T180443_20181205T185422_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_20181205T185422_20181205T194356_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_20181205T194356_20181205T203335_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_20181205T203335_20181205T212310_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_20181205T212310_20181205T221249_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_20181205T221249_20181205T230224_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_20181205T230224_20181205T235202_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_20181205T235202_20181206T004137_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_220181204T235314_20181205T004253_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T004253_20181205T013227_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T013227_20181205T022206_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T022206_20181205T031141_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T031141_20181205T040120_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T040120_20181205T045054_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T045054_20181205T054033_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T054033_20181205T063008_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T063008_20181205T071947_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T071947_20181205T080922_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T080922_20181205T085900_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T085900_20181205T094835_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220181205T094835_20181205T103814_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T103814_20181205T112749_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T112749_20181205T121728_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T121728_20181205T130702_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T135641_20181205T144616_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T144616_20181205T153555_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T153555_20181205T162529_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T162529_20181205T171508_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T171508_20181205T180443_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T180443_20181205T185422_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T185422_20181205T194356_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T194356_20181205T203335_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T203335_20181205T212310_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T212310_20181205T221249_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220181205T221249_20181205T230224_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20181205T230224_20181205T235202_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.