



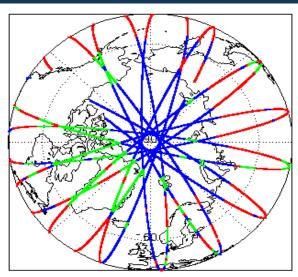
1. Overview

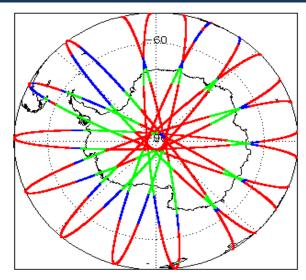
Report Production:	22-May-2019	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

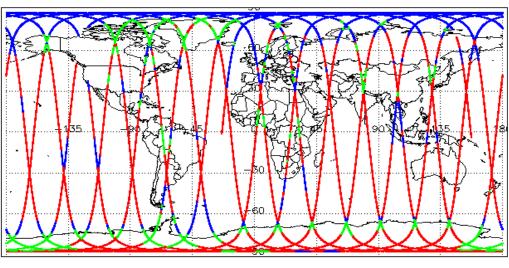
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

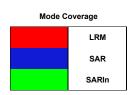
Mission / Instrument News		
19-Apr-2019	None	
20-Apr-2019	None	
21-Apr-2019	Nothing planned	

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:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190420T152946_20190420T153434_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190420T085036_20190420T092449_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190420T121017_20190420T124245_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190420T225200_20190420T232452_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T002748_20190420T003147_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T012056_20190420T012223_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T015021_20190420T015330_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T043901_20190420T044044_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T075737_20190420T075855_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T083559_20190420T083642_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T115423_20190420T115650_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T125229_20190420T125414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T133645_20190420T133800_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T135105_20190420T135319_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T143534_20190420T143705_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T160959_20190420T161327_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190420T200809_20190420T200917_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T002632_20190420T002748_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T024043_20190420T024436_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T024510_20190420T024524_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T034819_20190420T034904_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T035134_20190420T035354_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T152250_20190420T152358_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T183208_20190420T184058_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T201130_20190420T202130_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190420T205038_20190420T205312_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

0

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190420T152946_20190420T153434_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190419T234340_20190420T001503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T003234_20190420T005148_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T005159_20190420T010440_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T011741_20190420T012056_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T012240_20190420T013817_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T014020_20190420T015021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T020751_20190420T020949_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T021228_20190420T021436_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T021645_20190420T022901_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T025226_20190420T025513_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T025527_20190420T025956_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T030206_20190420T031644_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T031823_20190420T031956_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T040350_20190420T042752_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T043025_20190420T043901_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T044131_20190420T050641_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T054116_20190420T055313_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T055510_20190420T060633_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T061239_20190420T061657_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T062029_20190420T065022_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T071333_20190420T072854_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T073426_20190420T074554_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T075151_20190420T075737_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T075903_20190420T080519_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T083642_20190420T083731_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T085036_20190420T092449_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T093056_20190420T093608_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T093808_20190420T095717_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T103000_20190420T105750_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T105800_20190420T110320_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T111102_20190420T111515_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T111728_20190420T115252_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T121017_20190420T124245_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T124432_20190420T124954_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T125000_20190420T125007_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T130101_20190420T131327_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T131445_20190420T133132_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190420T135319_20190420T140428_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T140631_20190420T142153_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more recorded.
	3 39	records. The Ice Range Averaging Status Flag has been set for one or more

CS_OFFL_SIR_GOPM_2_20190420T143737_20190420T144226_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T145515_20190420T150645_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T154549_20190420T160050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T160331_20190420T160806_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T161423_20190420T164120_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T171453_20190420T174017_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T174720_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T175338_20190420T180537_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T181108_20190420T182103_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T185311_20190420T192010_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T192144_20190420T192633_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T193327_20190420T194452_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T194804_20190420T200809_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T202130_20190420T202243_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T205312_20190420T205448_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T205647_20190420T205934_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T210137_20190420T210702_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T211255_20190420T213506_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T213752_20190420T214637_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T215949_20190420T220245_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T221908_20190420T223842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T224102_20190420T224600_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T225200_20190420T232452_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T235036_20190421T001338_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190420T084905_20190420T085036_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190420T115729_20190420T115850_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190420T160139_20190420T160331_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T001503_20190420T001525_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T055313_20190420T055510_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T083731_20190420T083830_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T124954_20190420T125000_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T143323_20190420T143534_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T160806_20190420T160809_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_20190419T234340_20190420T001503_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_20190420T003234_20190420T005148_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_20190420T005159_20190420T010440_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_20190420T011741_20190420T012056_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T012240_20190420T013817_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_20190420T014020_20190420T015021_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_20190420T020751_20190420T020949_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T021228_20190420T021436_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_20190420T021645_20190420T022901_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_20190420T024524_20190420T024622_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

Comparison Com			The les Backsoottes Assessing Chatra Flag has been act for one or many
Completed Comp	CS_OFFL_SIR_GOPM_2_20190420T025226_20190420T025513_C001	Ice Backscatter Averaging Status	
Description for the property of the control of the property	CS_OFFL_SIR_GOPM_2_20190420T025527_20190420T025956_C001	Ice Backscatter Averaging Status	
Corp., Sign. Corp.) 2, 316660076182 (2) 300618776183 (2) 30061876183 (2) 300618	CS_OFFL_SIR_GOPM_2_20190420T030206_20190420T031644_C001		* * * * * * * * * * * * * * * * * * * *
Dec. OFT_BIRGORNE_2.000000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190420T031823_20190420T031956_C001		
Des. OFFE, SER COMPLE 2 DISIDIATIONAL PROPERTIES DISTORY DISTO	CS_OFFL_SIR_GOPM_2_20190420T040350_20190420T042752_C001	SWH Averaging Status, Ocean	
See, CHF., Bill. Comp. 2, 20100427100101, 20100427100102. COST 100104.	CS_OFFL_SIR_GOPM_2_20190420T043025_20190420T043901_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOUTH_EN_COMPL_2010002T19118_0010020195953_CD01 SOUTH_EN_COMPL_2010002T191820_0010020195953_CD01 SOUTH_EN_COMPL_2010002T191820_0010020195953_CD01 SOUTH_EN_COMPL_2010002T191820_0010020195953_CD01 SOUTH_EN_COMPL_2010002T191820_00100007703595_CD01 SOUTH_EN_COMPL_20100007T191830_001000070703595_CD01 SOUTH_EN_COMPL_20100007T191830_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_001000070703595_CD01 SOUTH_EN_COMPL_20100007T19180_00100070703595_CD01 SOUTH_EN_COMPL_20100007T19180_0010070703595_CD01 SOUTH_EN_CO	CS OFFL SIR GOPM 2 20190420T044131 20190420T050641 C001	0 0	The SWH and Ocean Averaging Status Flags have been set for one or
Sept. Dec. Comp. 2, 201040007002019, 201040070100020, 2010400701100020, 2			
Sec. OFFL. SR. GOPPL 2.0006007030302 2000007030302 COID SR. OFFL. SR. GOPPL 2.0006007030302 2000007030300 COID SR. OFFL. SR. GOPPL 2.0006007030300 2000007030300 COID SR. OFFL. SR. GOPPL 2.000600703000 200000703000 COID SR. OFFL. SR. GOPPL 2.000600703000 20000070300 COID SR. OFFL. SR. GOPPL 2.000600703000 20000070300 COID SR. OFFL. SR. GOPPL 2.000600703000 COID SR. OFFL. SR. GOPPL 2.00060070300 COID SR. OFFL. SR.		9 0	
Self-List Gord 2 2019420171032 (1994) 2019420171032			more records.
So, OFT_SIT_COMPL_2016607713945_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_2016607071466_019960701456_0001 SO_FF_SIT_COMPL_20166070714660_019960701456_0001 SO_FF_SIT_COMPL_20166070714660_0001 SO_FF_SIT_COMPL_20166070714660_00001 SO_FF_SIT_COMPL_20166070714660_0001 SO_FF_SIT_COMPL_2016607	CS_OFFL_SIR_GOPM_2_20190420T061239_20190420T061657_C001		records.
Seg. GPH_SR_GPM3_2PMSACRITIONS_CUIDNOTTHESE_	CS_OFFL_SIR_GOPM_2_20190420T062029_20190420T065022_C001	Backscatter Averaging Status	more records.
Security According Status. Sec. SPFL, SRR (DGM1_2_201804001701802_201904001701803_001 SC SPFL_SRR (DGM1_2_201804001701802_201904001701803_001 SC SPFL_SRR (DGM1_2_201804001701802_201904001803404_001) SSM Askeraging Status. Cover Security According Status Flags from the boars and for one or more from the security and security of the security of t	CS_OFFL_SIR_GOPM_2_20190420T071333_20190420T072854_C001	Backscatter Averaging Status	
SOFFL, SR, COME 2, 20104207103102, 20104207114252, C001 CS, CPFL, SR, COME 2, 20104207103102, 20104207114250, C001 CS, CPFL, SR, COME 2, 20104207103102, 20104207114250, C001 CS, CPFL, SR, COME 2, 20104207103102, 20104207114250, C001 CS, CPFL, SR, COME 2, 20104207113102, 2010420711320, C001 CS, CPFL, SR, COME 2, 20104207113102, 2010420711320, C001 CS, CPFL, SR, COME 2, 20104207113102, 2010420711320, C001 CS, CPFL, SR, COME 2, 2010420711320, 2010420711320, C001 CS, CPFL, SR, COME 2, 2010420711320, 2010420711320, C001 CS, CPFL, SR, COME 2, 2010420711320, 2010420711320, C001 CS, CPFL, SR, COME 2, 2010420713201, 2010420713200, C001 CS, CPFL, SR, COME 2, 2010420713201, 2010420711320, C001 CS, CPFL, SR, COME 2, 2010420713201, 20104207113200, C001 CS, CPFL, SR, COME 2, 2010420713201, 20104207113201, C001 CS, CPFL, SR, COME 2, 2010420713201, 20104207113201, C001 CS, CPFL, SR, COME 2, 2010420713201, 2010420713201,	CS_OFFL_SIR_GOPM_2_20190420T073426_20190420T074554_C001		
Sedescated Averaging States Communication Control (CS OFF), SR QOPM 2_01104207103800, 201004207103800, CO10 CS OFF), SR QOPM 2_01104207103800, 201004207103800, CO10 CS OFF), SR QOPM 2_01104207103800, 201004207103900, CO10 CS OFF), SR QOPM 2_01104207103800, 20100420710390, CO10 CS OFF), SR QOPM 2_01104207103800, 201004207110390, CO10 CS OFF), SR QOPM 2_01104207110300, 201004207111030, CO10 CS OFF), SR QOPM 2_01104207111102, 201004207111103, CO10 CS OFF), SR QOPM 2_01104207111102, 2010042071120, CO10 CS OFF), SR QOPM 2_0110420711207, 2010042071120, CO10 CS OFF), SR QOPM 2_0110420711200, 2010042071230, CO10 CS OFF), SR QOPM 2_0110420711200, 2010042071230, CO10 CS OFF), SR QOPM 2_0110420711200, 2010042071331, CO10 CS OFF), SR QOPM 2_0110420711401, 2010042071423, CO10 CS OFF), SR QOPM 2_0110420711401,	CS_OFFL_SIR_GOPM_2_20190420T075151_20190420T075737_C001	Ice Backscatter Averaging Status	
SeyPH_SR_GOPM_2_291994207103905_20194207103905_C001 SeyPH_SR_GOPM_2_291994207103905_20194207103905_C001 SeyPH_SR_GOPM_2_291994207103905_20194207103905_C001 SeyPH_SR_GOPM_2_29194207103905_20194207103905_C001 SeyPH_SR_GOPM_2_29194207103905_20194207103905_C001 SeyPH_SR_GOPM_2_29194207103905_20194207103905_C001 SeyPH_SR_GOPM_2_29194207103905_20194207110305_C001 SeyPH_SR_GOPM_2_29194207110305_20194207110305_C001 SeyPH_SR_GOPM_2_29194207111005_20194207110305_C001 SeyPH_SR_GOPM_2_29194207111005_20194207110305_C001 SeyPH_SR_GOPM_2_29194207111005_20194207112005_C001 SeyPH_SR_GOPM_2_29194207111005_20194207112005_C001 SeyPH_SR_GOPM_2_29194207111005_20194207112005_C001 SeyPH_SR_GOPM_2_29194207112007_20194207112005_C001 SeyPH_SR_GOPM_2_29194207112007_2019420712005_C001 SeyPH_SR_GOPM_2_29194207112007_20194207112005_C001 SeyPH_SR_GOPM_2_29194420713007_20194207112005_C001 SeyPH_SR_GOPM_2_291944207112007_20194207112005_C001 SeyPH_SR_GOPM_2_291944207112007_20194207112005_C001 SeyPH_SR_GOPM_2_291944207112007_20194207112005_C001 SeyPH_SR_GOPM_2_291944207112007_20194207112005_C001 SeyPH_SR_GOPM_2_291944207112007_20194207112005_C001 SeyPH_SR_GOPM_2_291944207112007_20194207112005_C001 SeyPH_SR_G	CS_OFFL_SIR_GOPM_2_20190420T075903_20190420T080519_C001		
SOFFL_SR_GOM_ 2_29194420T18008_0194421T6008_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T6008_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T6008_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194421T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194425_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194425_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T1902_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T4944_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T49444_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T4944_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T49444_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T49444_C011 SOFFL_SR_GOM_ 2_29194420T18008_0194441T49444_C011 SOFFL_SR_GOM_ 2_291944420T18008_019444444_C011 SOFFL_SR_GOM_ 2_29194444_01944444444_C011 SOFFL_SR_GOM_ 2_291944444_01944444444_C011 SOFFL_SR_GOM_ 2_29194444444444_C011 SOFFL_SR_GOM_ 2_291944400T18008_01944444444_C011 SOFFL_SR_GOM_ 2_291944400T18008_01944444444_C011 SOFFL_SR_GOM_	CS_OFFL_SIR_GOPM_2_20190420T083642_20190420T083731_C001		
CS OFFL \$R, GOPM 2_01094207103002_0109420710575_CO01 SO OFFL \$R, GOPM 2_01094207110300_01094207110550_CO01 SO OFFL \$R, GOPM 2_01094207110300_01094207110550_CO01 CS_OFFL \$R, GOPM 2_01094207111030_01094207111050_CO01 CS_OFFL \$R, GOPM 2_01094207111030_01094207111050_CO01 CS_OFFL \$R, GOPM 2_01094207111030_0109420711050_CO01 CS_OFFL \$R, GOPM 2_01094207111030_0109420711050_CO01 CS_OFFL \$R, GOPM 2_01094207111030_0109420711050_CO01 CS_OFFL \$R, GOPM 2_01094207111030_0109420710245_CO01 CS_OFFL \$R, GOPM 2_01094207111030_0109420710245_CO01 CS_OFFL \$R, GOPM 2_0109420711030_0109420710245_CO01 CS_OFFL \$R, GOPM 2_01094207110300_0109420710245_CO01 CS_OFFL \$R, GOPM 2_01094207110300_0109420710245_CO01 CS_OFFL \$R, GOPM 2_01094207110300_010940710300_CO01 CS_OFFL \$R, GOPM 2_01094207110300_010940710300_CO01 CS_OFFL \$R, GOPM 2_01094207110300_010940710300_CO01 CS_OFFL \$R, GOPM 2_01094207110300_010940710300_CO01 CS_OFFL \$R, GOPM 2_01094207110300_CO01040_CO01 CS_OFFL \$R, GOPM 2_01094207110300_CO01040	CS_OFFL_SIR_GOPM_2_20190420T085036_20190420T092449_C001	SWH Averaging Status, Ocean	
SOFFL.SR. GOPM_2_201004207110000_201004207110500_C001 SOFFL.SR. GOPM_2_2010042071101000_201004207110500_C001 SOFFL.SR. GOPM_2_2010042071110200_201004207110500_C001 SOFFL.SR. GOPM_2_201004207111020_201004207111050_C001 SOFFL.SR. GOPM_2_201004207111020_201004207111050_C001 SOFFL.SR. GOPM_2_201004207111020_201004207111050_C001 SOFFL.SR. GOPM_2_201004207111020_201004207111050_C001 SOFFL.SR. GOPM_2_201004207111020_201004207111050_C001 SOFFL.SR. GOPM_2_201004207111020_201004207111050_C001 SOFFL.SR. GOPM_2_201004207111070_01004207111050_C001 SOFFL.SR. GOPM_2_20100420711070_01004207111050_C001 SOFFL.SR. GOPM_2_20100420711070_01004207111050_C001 SOFFL.SR. GOPM_2_20100420711070_01004207111050_C001 SOFFL.SR. GOPM_2_20100420711070_01004207111050_C001 SOFFL.SR. GOPM_2_20100420711070_01004207111050_C001 SOFFL.SR. GOPM_2_20100420711070_01004207111050_C001 SOFFL.SR. GOPM_2_20100420711070_0100420711050_C001 SOFFL.SR. GOPM_2_20100420711050_C001 SOFFL.SR. GOPM_2_20100420711070_0100420711050_C001 SOFFL.SR. GOPM_2_20100420711070_0100420711050_C001 SOFFL.SR. GOPM_2_20100420711070_0100420711050_C001 SOFFL.SR. GOPM_2_20100420711050_C001 SOFFL.SR. GOPM_2_20100420711050_C001 SOFFL.SR. GOPM_2_20100420711050_C001 SOFFL.SR. GOPM_2_20100420711050_C001	CS_OFFL_SIR_GOPM_2_20190420T093056_20190420T093608_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SOFEL, SIR, GOPM 2, 20190420T110000_20190420T11055_C001 SOFEL, SIR, GOPM 2, 20190420T11058_20190420T11055_C001 SOFEL SIR, GOPM 2, 20190420T111052_20190420T11555_C001 SOFEL SIR, GOPM 2, 20190420T111052_20190420T11555_C001 SOFEL SIR, GOPM 2, 20190420T11052_20190420T11555_C001 SOFEL SIR, GOPM 2, 20190420T11052_20190420T11555_C001 SOFEL SIR, GOPM 2, 20190420T11052_20190420T11555_C001 SOFEL SIR, GOPM 2, 20190420T11051_20190420T12455_C001 SOFEL SIR, GOPM 2, 20190420T12017_20190420T12455_C001 SOFEL SIR, GOPM 2, 20190420T12000_20190420T12405_C001 SOFEL SIR, GOPM 2, 20190420T13000_20190420T13200_C001 SOFEL SIR, GOPM 2, 20190420T13000_20190420T13000_C001 SOFEL SIR, GOPM 2, 20190420T13000_C001 SOFEL SIR, GOPM 2, 20190420T130000_C001 SOFEL SIR, GOPM 2, 20190420T130000_C001 SOFEL SIR, GOP	CS OFFL SIR GOPM 2 20190420T093808 20190420T095717 C001		The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL_SIR_GOPM_2_20190420711098_20190420711096_C001 SOFFL_SIR_GOPM_2_201904207111098_201904207111096_C001 SOFFL_SIR_GOPM_2_20190420711102_201904207111096_C001 SOFFL_SIR_GOPM_2_20190420711102_201904207112096_C001 SOFFL_SIR_GOPM_2_20190420712096_C00120944_C001 SOFFL_SIR_GOPM_2_20190420712096_C001209420712096_C001 SOFFL_SIR_GOPM_2_20190420712096_C001209420712096_C001 SOFFL_SIR_GOPM_2_20190420712096_C001209420712096_C001 SOFFL_SIR_GOPM_2_20190420712096_C001209420712096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420713096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420713096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420713096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420714096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420714096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420714096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420714096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420714096_C001 SOFFL_SIR_GOPM_2_20190420713096_C001209420714096_C001 SOFFL_SIR_GOPM_2_20190420713096_C0012096_C001 SOFFL_SIR_GOPM_2_20190420713096_C0012096_C001 SOFFL_SIR_GOPM_2_20190420713096_C0012096_C001 SOFFL_SIR_GOPM_2_20190420713096_C00114096_C001 SOFFL_SIR_GOPM_2_20190420713096_C0010006_C001 SOFFL_SIR_GOPM_2_20190420713096_C001006_C001 SOFFL_SIR_GOPM_2_20190420713096_C		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO OFFL SIR GOPM 2 201904207114052 20190420714072 CO11 SO OFFL SIR GOPM 2 20190420714072 20190420714071 CO11 SO OFFL SIR GOPM 2 20190420714072 CO11 SO OFFL SIR GOPM 2 201904207170072 CO11 SO OFFL SIR GOPM 2 201904207			
CS_OFFL_SIR_GOPM_2_20190420T111028_20190420T111528_C001 SS_OFFL_SIR_GOPM_2_20190420T121077_20190420T124245_C001 SS_OFFL_SIR_GOPM_2_20190420T124323_20190420T124245_C001 CS_OFFL_SIR_GOPM_2_20190420T124323_20190420T12435_C001 CS_OFFL_SIR_GOPM_2_20190420T13000_20190420T12435_C001 CS_OFFL_SIR_GOPM_2_20190420T13000_20190420T12435_C001 CS_OFFL_SIR_GOPM_2_20190420T130101_20190420T13137_C001 CS_OFFL_SIR_GOPM_2_20190420T133139_20190420T13137_C001 CS_OFFL_SIR_GOPM_2_20190420T13331_20190420T134082_C001 CS_OFFL_SIR_GOPM_2_20190420T13331_20190420T140428_C001 CS_OFFL_SIR_GOPM_2_20190420T13331_20190420T140428_C001 CS_OFFL_SIR_GOPM_2_20190420T134332_20190420T140438_C001 CS_OFFL_SIR_GOPM_2_20190420T134332_20190420T140438_C001 CS_OFFL_SIR_GOPM_2_20190420T134333_20190420T140438_C001 CS_OFFL_SIR_GOPM_2_20190420T134333_20190420T140438_C001 CS_OFFL_SIR_GOPM_2_20190420T134333_20190420T14038_C001 CS_OFFL_SIR_GOPM_2_20190420T134333_20190420T14038_C001 CS_OFFL_SIR_GOPM_2_20190420T134333_20190420T14038_C001 CS_OFFL_SIR_GOPM_2_20190420T134333_20190420T14038_C001 CS_OFFL_SIR_GOPM_2_20190420T134333_20190420T14038_C001 CS_OFFL_SIR_GOPM_2_20190420T14039_20190420T140428_C001 CS_OFFL_SIR_GOPM_2_20190420T14098_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T17409_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420T16096_C001 CS_OFFL_SIR_GOPM_2_20190420			more records.
SOFTE, SIR, GOPM 2 20190420T11728, 20190420T142552 CO01 SOFTE, SIR, GOPM 2 20190420T124052 CO01 SOFTE, SIR, GOPM 2 20190420T124052 CO01 SOFTE, SIR, GOPM 2 20190420T124050 CO190420T129500 CO190420T124054 CO01 SOFTE, SIR, GOPM 2 20190420T124050 CO190420T124054 CO01 SOFTE, SIR, GOPM 2 20190420T13001 20190420T13013 CO10 SOFTE, SIR, GOPM 2 20190420T130101 20190420T13013 CO10 SOFTE, SIR, GOPM 2 20190420T130101 20190420T13013 CO10 SOFTE, SIR, GOPM 2 20190420T130101 20190420T13013 CO10 SOFTE, SIR, GOPM 2 20190420T140515 20190420T14055 CO10 SOFTE, SIR, GOPM 2 20190420T140515 20190420T14055 CO10 SOFTE, SIR, GOPM 2 20190420T140515 20190420T14055 CO10 SOFTE, SIR, GOPM 2 20190420T140515 20190420T14050 CO10 SOFTE, SIR, GOPM 2 20190420T16453 20			records.
Spiff_Sir_GOPM_2 201904201114252 201904207124945 (2001 Spiff_Sir_GOPM_2 20190420712492 201904207124945 (2001 Spiff_Sir_GOPM_2 20190420712492 201904207125007 (2001) Spiff_Sir_GOPM_2 201904207139101 2019042071391327 (2001) Spiff_Sir_GOPM_2 201904207131045 (201904207125007 (2001) Spiff_Sir_GOPM_2 201904207130101 201904207133132 (2001) Spiff_Sir_GOPM_2 201904207130101 201904207130132 (2001) Spiff_Sir_GOPM_2 201904207130101 20190420713010 (2001) Spiff_Sir_GOPM_2 201904207130101 20190420713010 (2001) Spiff_Sir_GOPM_2 201904207140031 201904207140128 (2001) Spiff_Sir_GOPM_2 201904207140031 201904207140128 (2001) Spiff_Sir_GOPM_2 201904207140031 201904207140128 (2001) Spiff_Sir_GOPM_2 201904207140031 201904207140000 (2001) Spiff_Sir_GOPM_2 201904207142585 (2010) Spiff_Sir_GOPM_2 2019042071401000 (2010) Spiff_Sir_GOPM_2 20190420714000 (2010) Spiff_Sir_GOPM_2 20190420714000 (2010) Spiff_Sir_GOPM_2 2019042071400	CS_OFFL_SIR_GOPM_2_20190420T111102_20190420T111515_C001		records.
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CS_OFF_SIR_GOPM_2_20190420713000_201904207133127_C001 SQ_OFF_SIR_GOPM_2_20190420713000_201904207131327_C001 SQ_OFF_SIR_GOPM_2_20190420713000_201904207133122_C001 SQ_OFF_SIR_GOPM_2_20190420713000_201904207140728_C001 SQ_OFF_SIR_GOPM_2_20190420713000_201904207140728_C001 SQ_OFF_SIR_GOPM_2_201904207140000_2019042071420_C001 CS_OFF_SIR_GOPM_2_201904207140000_201904207140000_200000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190420T121017_20190420T124245_C001		more records.
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CS_OFFL_SIR_GOPM_2_20190420T142358_20190420T142853_C001 CS_OFFL_SIR_GOPM_2_20190420T145737_20190420T16050_C001 CS_OFFL_SIR_GOPM_2_20190420T165459_20190420T16050_C001 CS_OFFL_SIR_GOPM_2_20190420T16423_20190420T160000_C001 CS_OFFL_SIR_GOPM_2_20190420T16423_20190420T160000_C001 CS_OFFL_SIR_GOPM_2_20190420T16423_20190420T164120_C001 CS_OFFL_SIR_GOPM_2_20190420T17453_20190420T174017_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T174017_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T174017_C001 CS_OFFL_SIR_GOPM_2_20190420T174332_20190420T17400357_C001 CS_OFFL_SIR_GOPM_2_20190420T181108_20190420T182010_C001 CS_OFFL_SIR_GOPM_2_20190420T192144_20190420T192010_C001 CS_OFFL_SIR_GOPM_2_20190420T192142_20190420T192333_C001 CS_OFFL_SIR_GOPM_2_20190420T192144_20190420T192333_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194452_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194452_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194452_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194452_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194452_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194452_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194330_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194352_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194352_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194352_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194352_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194353_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T194350_C001 CS_OFFL_SIR_GOPM_2_20190420T19337_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T219352_20190420T21356_C001 CS_OFFL_SIR_GOPM_2_20190420T213752_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T121355_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T121356_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T121356_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T121356_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T121356_C001 CS_OFFL_SIR_GOPM_2_20190420T121356_C001 CS_O	CS_OFFL_SIR_GOPM_2_20190420T140631_20190420T142153_C001		
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CS_OFFL_SIR_GOPM_2_20190420T210137_20190420T210702_C001 Loe Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20190420T213752_20190420T214637_C001 CS_OFFL_SIR_GOPM_2_20190420T215949_20190420T220245_C001 CS_OFFL_SIR_GOPM_2_20190420T215949_20190420T220245_C001 CS_OFFL_SIR_GOPM_2_20190420T215949_20190420T220245_C001 SWH 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 SWH and Ocean Averaging Status Flags 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_20190420T205312_20190420T205448_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
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CS_OFFL_SIR_GOPM_2_20190420T213752_20190420T214637_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20190420T215949_20190420T220245_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more 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_20190420T211255_20190420T213506_C001		The SWH and Ocean Averaging Status Flags have been set for one or
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CS. OFFI. SIR GOPM 2 20190420T223842 C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Dackscaller Averaging Status	iniore records.

CS_OFFL_SIR_GOPM_2_20190420T224102_20190420T224600_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190420T225200_20190420T232452_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_20190420T235036_20190421T001338_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_20190420T084905_20190420T085036_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_20190420T160139_20190420T160331_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T001503_20190420T001525_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_20190420T055313_20190420T055510_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_20190420T083731_20190420T083830_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_20190420T124954_20190420T125000_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190420T143323_20190420T143534_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_20190420T160806_20190420T160809_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

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

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

Number of products with errors:

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

Number of products with errors:

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20190420T151851_20190420T160825_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220190419T233610_20190420T002549_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T002549_20190420T011523_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T011523_20190420T020502_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_220190420T020502_20190420T025437_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T025437_20190420T034416_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T034416_20190420T043350_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T043350_20190420T052329_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_220190420T052329_20190420T061304_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T061304_20190420T070243_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_220190420T070243_20190420T075218_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_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_220190420T084157_20190420T093131_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOP_2_20190420T093131_20190420T102110_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_220190420T102110_20190420T111045_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_20190420T111045_20190420T120024_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_220190420T120024_20190420T124958_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_220190420T124958_20190420T133937_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_220190420T133937_20190420T142912_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_220190420T142912_20190420T151851_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_220190420T151851_20190420T160825_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T160825_20190420T165804_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T165804_20190420T174739_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_220190420T174739_20190420T183718_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_220190420T183718_20190420T192653_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_220190420T192653_20190420T201632_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_220190420T201632_20190420T210606_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_220190420T210606_20190420T215545_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190420T215545_20190420T224520_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_220190420T224520_20190420T233459_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_20190420T233459_20190421T002433_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_20190419T233610_20190420T002549_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_20190420T002549_20190420T011523_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_20190420T011523_20190420T020502_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_20190420T020502_20190420T025437_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_20190420T025437_20190420T034416_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_220190420T034416_20190420T043350_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_20190420T043350_20190420T052329_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_20190420T052329_20190420T061304_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_20190420T061304_20190420T070243_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_20190420T070243_20190420T075218_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_20190420T075218_20190420T084157_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_20190420T084157_20190420T093131_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_20190420T093131_20190420T102110_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_20190420T102110_20190420T111045_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_20190420T111045_20190420T120024_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_20190420T120024_20190420T124958_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_20190420T124958_20190420T133937_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_20190420T133937_20190420T142912_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_20190420T142912_20190420T151851_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_20190420T151851_20190420T160825_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_20190420T160825_20190420T165804_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_20190420T165804_20190420T174739_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_20190420T174739_20190420T183718_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_20190420T183718_20190420T192653_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_20190420T192653_20190420T201632_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_20190420T201632_20190420T210606_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_20190420T210606_20190420T215545_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_20190420T215545_20190420T224520_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_20190420T224520_20190420T233459_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_20190420T233459_20190421T002433_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.

CS_OFFL_SIR_GOP_2_20190420T002549_20190420T025052_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for ocean Retracking Quality Flag has been s	one or more records. One or more records. One or more records.
CS_OFFL_SIR_GOP_2_20190420T020502_20190420T025437_C001 Cs_OFFL_SIR_GOP_2_20190420T025437_20190420T034416_C001 Cs_OFFL_SIR_GOP_2_20190420T034416_20190420T043350_C001 Cs_OFFL_SIR_GOP_2_20190420T043350_20190420T052329_C001 Cs_OFFL_SIR_GOP_2_20190420T043350_20190420T052329_C001 Cs_OFFL_SIR_GOP_2_20190420T052329_20190420T052329_C001 Cs_OFFL_SIR_GOP_2_20190420T052329_20190420T061304_C001 Cs_OFFL_SIR_GOP_2_20190420T052329_20190420T061304_C001 Cs_OFFL_SIR_GOP_2_20190420T061304_20190420T070243_C001 Cs_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 Cs_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 Cs_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_C001 Cs_OFFL_SIR_GOP_2_20190420T084157_20190420T084157_C001 Cs_OFFL_SIR_GOP_2_20190420T084157_20190420T084157_C001 Cs_OFFL_SIR_GOP_2_20190420T084157_20190420T084157_C001 Cs_OFFL_SIR_GOP_2_20190420T084157_20190420T084157_C001 Cs_OFFL_SIR_GOP_2_20190420T084157_20190420T084157_C001 Cs_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 Cs_OFFL_SIR_GOP_2_20190420T102110_20190420T1120024_C001 Cs_OFFL_SIR_GOP_2_20190420T11045_20190420T120024_C001 Cs_OFFL_SIR_GOP_2_20190420T1210024_20190420T120024_C001 Ccean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for complete to the com	ne or more records.
CS_OFFL_SIR_GOP_2_20190420T025437_20190420T0334416_C001 CS_OFFL_SIR_GOP_2_20190420T034416_20190420T043350_C001 CS_OFFL_SIR_GOP_2_20190420T034416_20190420T052329_C001 CS_OFFL_SIR_GOP_2_20190420T052329_20190420T052329_C001 CS_OFFL_SIR_GOP_2_20190420T052329_20190420T061304_C001 CS_OFFL_SIR_GOP_2_20190420T052329_20190420T061304_C001 CS_OFFL_SIR_GOP_2_20190420T061304_20190420T070243_C001 CS_OFFL_SIR_GOP_2_20190420T061304_20190420T070243_C001 CS_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T084157_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CCS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CCS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CCS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CCS_OFFL_SIR_GOP_2_20190420T120024_20190420T1303937_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T133937_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T133937_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CCS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CCS_OFFL_SIR_GO	ne or more records.
CS_OFFL_SIR_GOP_2_20190420T034416_20190420T043350_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for ocean Retracking Quality Fla	
CS_OFFL_SIR_GOP_2_20190420T043350_20190420T052329_C001 CS_OFFL_SIR_GOP_2_20190420T052329_20190420T061304_C001 CS_OFFL_SIR_GOP_2_20190420T061304_20190420T070243_C001 CS_OFFL_SIR_GOP_2_20190420T061304_20190420T070243_C001 CS_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T084157_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T1209420T1011045B_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_2_20	ne or more records.
CS_OFFL_SIR_GOP_2_20190420T052329_20190420T061304_C001 CS_OFFL_SIR_GOP_2_20190420T061304_20190420T070243_C001 CS_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_C001 CS_OFFL_SIR_GOP_2_20190420T084157_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T084157_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T124958_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_3_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_3_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_3_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_3_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_3_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_3_20190420T133	
CS_OFFL_SIR_GOP_2_20190420T061304_20190420T070243_C001 CS_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_C001 CS_OFFL_SIR_GOP_2_20190420T084157_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T11045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T11045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T124958_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001	ne or more records.
CS_OFFL_SIR_GOP_2_20190420T070243_20190420T075218_C001 CS_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_C001 CS_OFFL_SIR_GOP_2_20190420T084157_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T103131_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T124958_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001	ne or more records.
CS_OFFL_SIR_GOP_2_20190420T075218_20190420T084157_C001 CS_OFFL_SIR_GOP_2_20190420T084157_20190420T093131_C001 CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T11045_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T110024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T124958_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T124958_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T124958_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001	ne or more records.
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CS_OFFL_SIR_GOP_2_20190420T102110_20190420T111045_C001 CS_OFFL_SIR_GOP_2_20190420T111045_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T120024_C001 CS_OFFL_SIR_GOP_2_20190420T120024_20190420T124958_C001 CS_OFFL_SIR_GOP_2_20190420T124958_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T124958_20190420T133937_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001 CS_OFFL_SIR_GOP_2_20190420T133937_20190420T142912_C001	ne or more records.
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	ne or more records.
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