



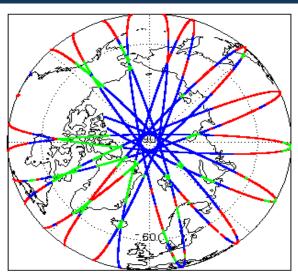
1. Overview

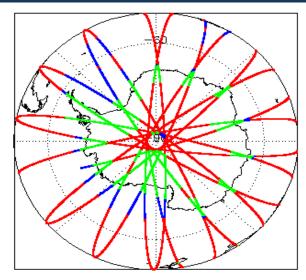
Report Production:	01-May-2019	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

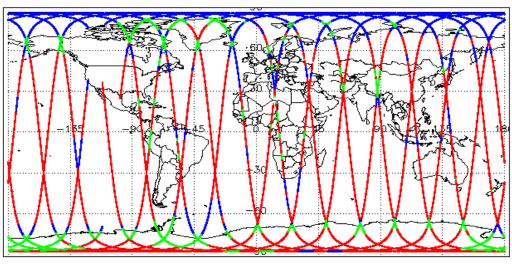
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6	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

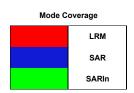
	Mission / Instrument News		
30-Mar-2019		None	
31-Mar-2019		None	
	01-Apr-2019	Nothing planned	

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:

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:

13

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190331T034246_20190331T035737_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190331T082338_20190331T085242_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190331T023536_20190331T023750_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190331T031115_20190331T031713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190331T041022_20190331T041234_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190331T064139_20190331T064354_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190331T005237_20190331T005639_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190331T041629_20190331T041748_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190331T104217_20190331T105113_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190331T153044_20190331T153230_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190331T154126_20190331T154643_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190331T154643_20190331T154813_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190331T205338_20190331T205433_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:

0

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:

0

5.6 L2 Range Measurement Check

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

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

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

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

Number of products with errors:

78

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190330T235643_20190331T000112_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T000631_20190331T001324_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T001334_20190331T003940_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T005942_20190331T012851_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

COPPLIANCE COPPLIANCE (COPPLIANCE) COPPLIANCE (COPPLIANCE) COPPLIANCE COPPLIA			The Ocean Range Averaging Status Flag has been set for one or more
COPPLES FOR COPPLES DEPOSITIONES AND STREET PROTECTIONS OF THE PROPERTY DEPOSITION OF THE PROPERTY DEP	CS_OFFL_SIR_GOPM_2_20190331T014656_20190331T020438_C001	Ocean Range Averaging Status	records.
Commonwealth Comm	CS_OFFL_SIR_GOPM_2_20190331T020919_20190331T021631_C001	Ocean Range Averaging Status	records.
COUNT_OF_COUNT_CONSIST TROOM_COUNT_CONSIST TROOM_COUNT	CS_OFFL_SIR_GOPM_2_20190331T023219_20190331T023536_C001	Ice Range Averaging Status	records.
Long Compt. Jam. Goods 2, 2018331760179, 201863317760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 2018331760189, 201831760189, 201831760189, 2018331760189, 201831760189, 2018331760189, 2018331760189, 2018331760189, 20183317601	CS_OFFL_SIR_GOPM_2_20190331T024126_20190331T025322_C001	Ocean Range Averaging Status	
COPPLE SE COPPLE 2 DECERTIFICACE DECERTIFICACE COPPLE SE COPPLE SE COPPLE 2 DECERTIFICACE DECERTIFICACE COPPLE SE CO	CS_OFFL_SIR_GOPM_2_20190331T025537_20190331T031040_C001	Ocean Range Averaging Status	
Cortes, pills (corte) 2 (200031100240 (200921102400 (2019) Cortes Range Averaging State Cortes Range A	CS_OFFL_SIR_GOPM_2_20190331T031713_20190331T031931_C001	Ice Range Averaging Status	
Compared and Com	CS_OFFL_SIR_GOPM_2_20190331T032008_20190331T032427_C001	Ice Range Averaging Status	
Co. OFT. BRIT, COPPL_2 (1995317104582_2003017103577_COV)	CS_OFFL_SIR_GOPM_2_20190331T032606_20190331T034106_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co. OFF., SR. (OPM. 2. 201903311002012 20190321100202 CO1 CO. OFF., SR. (OPM. 2. 201903311002012 20190321100202 CO1 CO. OFF., SR. (OPM. 2. 20190331100202 20190331100202 CO1 CO. OFF., SR. (OPM. 2. 20190331100102 20190331100202 CO1 CO. OFF., SR. (OPM. 2. 20190331100102 20190331100202 CO1 CO. OFF., SR. (OPM. 2. 20190331100102 2019033110002 CO1 CO. OFF., SR. (OPM. 2. 20190331100102 2019033110002 CO1 CO. OFF., SR. (OPM. 2. 20190331100102 2019033110002 CO1 CO. OFF., SR. (OPM. 2. 20190331100102 2019033110000 CO1 CO. OFF., SR. (OPM. 2. 2019033110010 2019033110000 CO1 CO. OFF., SR. (OPM. 2. 20190331110010 2019033110000 CO1 CO. OFF., SR. (OPM. 2. 20190331110010 20190331110000 CO1 CO. OFF., SR. (OPM. 2. 20190331110000 20190331110000 CO1 CO. OFF., SR. (OPM. 2. 2019033111	CS_OFFL_SIR_GOPM_2_20190331T034246_20190331T035737_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co. OFFL. SIR. GOMA 2. 2019331TO4521 2.019331TO4522 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4523 2.019331TO4523 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4523 2.019331TO4535 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4522 2.019331TO4535 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4523 2.019331TO4535 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4522 2.019331TO4535 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4522 2.019331TO4535 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4522 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4522 COLD Co. OFFL. SIR. GOMA 2. 2019331TO4523 COLD Co. OFFL. SIR. GOMA 2. 2019333TO4535 COLD Co.	CS_OFFL_SIR_GOPM_2_20190331T042049_20190331T042650_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co., CPFL_SR_COPM_2_20100331100602_0100331T00618_0001 Co., CPFL_SR_COPM_2_20100331T00602_0100331T00618_0001 Co., CPFL_SR_COPM_2_20100331T00602_0100301 Co., CPFL_SR_COPM_2_20100331T00603_000331T00603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T00603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T00603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T00603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T00603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T00603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T00603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T100603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T100603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T100603_0001 Co., CPFL_SR_COPM_2_20100331T100603_000331T100603_0001 Co., CPFL_SR_COPM_2_20100331T106003_000331T100603_0001 Co., CPFL_SR_COPM_2_20100331	CS OFFL SIR GOPM 2 20190331T042813 20190331T043123 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co. DEFL. SIR. GOMP. 2. 2010031T003012 2010031T000012 COOL CO FEL. SIR. GOMP. 2. 2010031T003012 2010031T000012 COOL CO FEL. SIR. GOMP. 2. 2010031T004012 2010031T000012 COOL CO FEL. SIR. GOMP. 2. 2010031T004012 2010031T004012 COOL CO FEL. SIR. GOMP. 2. 2010031T004012 2010031T004002 COOL CO FEL SIR. GOMP. 2. 2010031T1004012 2010031T1004002 COOL CO FEL SIR. GOMP. 2. 2010031T1004012 2010031T1004002 COOL CO FEL SIR. GOMP. 2. 2010031T1004012 2010031T1004002 COOL CO FEL SIR. GOMP. 2. 2010031T1004012 20100331T100401 COOL CO FEL SIR. GOMP. 2. 2010031T1004012 20100331T100401 COOL CO FEL SIR. GOMP. 2. 2010031T100401 20100331T100401 COOL CO FEL SIR.	CS OFFL SIR GOPM 2 20190331T043637 20190331T045235 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CG OFFL, SIR, GOPM 2, 20190331T1003502, 2019031T1003031 C0011 C0020 Face Averaging Status. CG OFFL, SIR, GOPM 2, 20190331T100302, 2019031T1003030 C0011 C0020 Face Averaging Status. CG OFFL, SIR, GOPM 2, 20190331T100302, 2019031T100310,			The Ice Range Averaging Status Flag has been set for one or more
CB_OFF_SR_GOMP_2_20100031T006412_2010031T0106413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T0106413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T0106413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T0106413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T0106413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T0106413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T006413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T006413_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010031T006413_0001 CB_OFF_SR_GOMP_2_20100031T006413_2010031T00641_0001 CB_OFF_SR_GOMP_2_20100031T006412_2010033T006413_0001 CB_OFF_SR_GOMP_2_20100031T006413_2010031T00641_0001 CB_OFF_SR_GOMP_2_20100031T006413_2010033T00641_0001 CB_OFF_SR_GOMP_2_20100031T006413_2010031T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_201033T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_201033T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_201033T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_201033T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_201031T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_2010331T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_2010331T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_20103031T100641_0001 CB_OFF_SR_GOMP_2_20100031T00641_2010331T00641_0001 CB_OFF_SR_GOMP_2_20100031T00641_2010331T00641_0001 CB_OFF		0 0	
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constraints and process and pr			records.
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SO, CPFL_SR, GOPM_2 20190331T09019_20190331T09049_20190331T109049_2019033	CS_OFFL_SIR_GOPM_2_20190331T081340_20190331T081354_C001	Ice Range Averaging Status	records.
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Count Name County Count	CS_OFFL_SIR_GOPM_2_20190331T090101_20190331T090208_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190331T100512_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100512_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T100510_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_20190331T10550_COULD CS_OFFL_SIR_GOPM_2_20190331T1050_COULD CS_OFFL_SIR_GOPM_2_20190331T10050_COULD CS_OFFL_SIR_GOPM_2_2019033	CS_OFFL_SIR_GOPM_2_20190331T091449_20190331T094955_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T100213_20190331T100252_C001 Coean Range Averaging Status CS_OFFL_SIR_GOPM_2_20190331T10331T10331T10252_C001 CS_OFFL_SIR_GOPM_2_20190331T10331T10252_C001 CS_OFFL_SIR_GOPM_2_20190331T10331T10252_C001 CS_OFFL_SIR_GOPM_2_20190331T10541_20190331T110325_C001 CS_OFFL_SIR_GOPM_2_20190331T10541_20190331T110325_C001 CS_OFFL_SIR_GOPM_2_20190331T10541_20190331T110325_C001 CS_OFFL_SIR_GOPM_2_20190331T10541_20190331T110325_C001 CS_OFFL_SIR_GOPM_2_20190331T110542_20190331T110325_C001 CS_OFFL_SIR_GOPM_2_20190331T110542_20190331T110301_C001 CS_OFFL_SIR_GOPM_2_20190331T110542_20190331T110204_C001 CS_OFFL_SIR_GOPM_2_20190331T110542_20190331T102040_C001 CS_OFFL_SIR_GOPM_2_20190331T104022_20190331T130206_C001 CS_OFFL_SIR_GOPM_2_20190331T102352_20190331T102004_C001 CS_OFFL_SIR_GOPM_2_20190331T102352_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130314_2001 CS_OFFL_SIR_GOPM_2_20190331T130314_2001 CS_OFFL_SIR_GOPM_2_20190331T130314_2001 CS_OFFL_SIR_GOPM_2_20190331T130314_2001 CS_OFFL_SIR_GOPM_2_20190331T130314_200331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130314_200331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T13030_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T13030_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T13030_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T13030_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T13030_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T13030_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T13030_20190331T13001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T131540_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T131540_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T131540_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T131540_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T131540_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T135040_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T140504_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T140504_C001 CS_OFFL_SIR_GOPM_2_20190331T140404_20190331T140504_C001 CS_OFFL_SIR_GOPM_2_	CS_OFFL_SIR_GOPM_2_20190331T095524_20190331T100041_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T103816_20190331T10056_C001 Coean 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 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 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 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 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 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 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 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 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 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 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 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 records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Fl	CS_OFFL_SIR_GOPM_2_20190331T100213_20190331T100520_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T10410_20190331T1104216_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 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 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 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 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 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 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 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 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 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 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 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 records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status F	CS_OFFL_SIR_GOPM_2_20190331T100719_20190331T100852_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T10612_20190331T110326_C001 Ocean Range Averaging Status The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean Range Averaging Status Flag has been set for one or more records. The Cocean	CS_OFFL_SIR_GOPM_2_20190331T103816_20190331T104051_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T110912_20190331T112935_C001 CS_OFFL_SIR_GOPM_2_20190331T112933_C0190331T112944_C001 CS_OFFL_SIR_GOPM_2_20190331T114112_2019031T1113933_C0101 CS_OFFL_SIR_GOPM_2_20190331T114112_2019031T1113931_C0101 CS_OFFL_SIR_GOPM_2_20190331T112043_C001 CS_OFFL_SIR_GOPM_2_20190331T112043_C0101 CS_OFFL_SIR_GOPM_2_20190331T1120321_C01031T112043_C0101 CS_OFFL_SIR_GOPM_2_20190331T1120321_C01031T112043_C0101 CS_OFFL_SIR_GOPM_2_20190331T1130914_2019031T1130914_C0101 CS_OFFL_SIR_GOPM_2_20190331T1130914_2019031T131432_C001 CS_OFFL_SIR_GOPM_2_20190331T1130914_2019031T131432_C001 CS_OFFL_SIR_GOPM_2_20190331T1132032_C0190331T130934_C0101 CS_OFFL_SIR_GOPM_2_20190331T132033_C0190331T132034_C001 CS_OFFL_SIR_GOPM_2_20190331T132033_C0190331T132034_C001 CS_OFFL_SIR_GOPM_2_20190331T132034_C01031T130014_C01031	CS_OFFL_SIR_GOPM_2_20190331T104140_20190331T104216_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T113938_C001 CS_OFFL_SIR_GOPM_2_20190331T113938_C001 CS_OFFL_SIR_GOPM_2_20190331T114112_20190331T113938_C001 Ocean Range Averaging Status CS_OFFL_SIR_GOPM_2_20190331T114112_20190331T11443_C001 Ocean Range Averaging Status CS_OFFL_SIR_GOPM_2_20190331T1120423_20190331T112044_C001 Ocean Range Averaging Status CS_OFFL_SIR_GOPM_2_20190331T120423_20190331T1120424_C001 Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_GOPM_2_20190331T120352_20190331T13094_C001 CS_OFFL_SIR_GOPM_2_20190331T130914_20190331T1309_C001 CS_OFFL_SIR_GOPM_2_20190331T1313443_20190331T1313423_C001 CS_OFFL_SIR_GOPM_2_20190331T131343_20190331T13139_C001 CS_OFFL_SIR_GOPM_2_20190331T132522_20190331T132522_C001 Ocean Range Averaging Status To Coean Range Ave	CS_OFFL_SIR_GOPM_2_20190331T105451_20190331T110326_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T114212_20190331T115432_CO01 CS_OFFL_SIR_GOPM_2_20190331T1120241_CO01 CS_OFFL_SIR_GOPM_2_20190331T120242_CO01 CS_OFFL_SIR_GOPM_2_20190331T120242_CO01 CS_OFFL_SIR_GOPM_2_20190331T120242_CO01 CS_OFFL_SIR_GOPM_2_20190331T130715_CO01 CS_OFFL_SIR_GOPM_2_20190331T130715_CO01 CS_OFFL_SIR_GOPM_2_20190331T130714_ZO190331T130715_CO01 CS_OFFL_SIR_GOPM_2_20190331T130714_ZO190331T130715_CO01 CS_OFFL_SIR_GOPM_2_20190331T130714_ZO190331T130715_CO01 CS_OFFL_SIR_GOPM_2_20190331T130713_CO01 CS_OFFL_SIR_GOPM_2_20190331T1300_Z0190331T13739_CO01 CS_OFFL_SIR_GOPM_2_20190331T1300_Z0190331T132224_CO01 CS_OFFL_SIR_GOPM_2_20190331T132522_Z0190331T135546_CO01 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140115_CO01 CS_OFFL_SIR_GOPM_2_20190331T14552_Z0190331T140006_Z0190331T140115_CO01 CS_OFFL_SIR_GOPM_2_20190331T14552_Z0190331T140006_Z0190331T140006_Z0190331T140015_CO01 CS_OFFL_SIR_GOPM_2_20190331T14552_Z0190331T14552_Z0190331T14552_Z0190331T14552_Z0190331T14552_Z0190331T14552_Z0190331T14554_CO01 CS_OFFL_SIR_GOPM_2_20190331T14552_Z0190331T14534_Z001 CS_OFFL_SIR_GOPM_2_20190331T145016_Z0190331T15257_Z0190331T15257_Z0190331T15257_Z0190331T15257_Z0190331T15257_Z0190331T15257_Z0190331T15257_Z0190331T15257_Z0190331T15257_Z0190331T15254_Z0190331T15257_Z0190331T16000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190331T110612_20190331T112914_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T115630_20190331T120241_C001 CS_OFFL_SIR_GOPM_2_20190331T12031_C001 CS_OFFL_SIR_GOPM_2_20190331T12031_C0001 CS_OFFL_SIR_GOPM_2_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T130715_C001 CS_OFFL_SIR_GOPM_2_20190331T131739_C001 CS_OFFL_SIR_GOPM_2_20190331T131739_C001 CS_OFFL_SIR_GOPM_2_20190331T132224_C001 CS_OFFL_SIR_GOPM_2_20190331T132224_C001 CS_OFFL_SIR_GOPM_2_20190331T132524_C001 CS_OFFL_SIR_GOPM_2_20190331T135546_C001 CS_OFFL_SIR_GOPM_2_20190331T14006_20190331T140115_C001 CS_OFFL_SIR_GOPM_2_20190331T14006_20190331T140115_C001 CS_OFFL_SIR_GOPM_2_20190331T144522_C001 CS_OFFL_SIR_GOPM_2_20190331T144522_C001 CS_OFFL_SIR_GOPM_2_20190331T144522_C001 CS_OFFL_SIR_GOPM_2_20190331T144522_C001 CS_OFFL_SIR_GOPM_2_20190331T144522_C001 CS_OFFL_SIR_GOPM_2_20190331T14452_C001 CS_OFFL_SIR_GOPM_2_20190331T14452_C001 CS_OFFL_SIR_GOPM_2_20190331T144641_C001 CS_OFFL_SIR_GOPM_2_20190331T144617_20190331T14452_C001 CS_OFFL_SIR_GOPM_2_20190331T144617_20190331T144512_C001 CS_OFFL_SIR_GOPM_2_20190331T144617_20190331T165252_C001 CS_OFFL_SIR_GOPM_2_20190331T15054_20190331T165252_C001 CS_OFFL_SIR_GOPM_2_20190331T160907_C001 CS_OFFL_SIR_GOPM_2_20190331T1647_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T1647272_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T1647272_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T1647272_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16474_C0190331T162532	CS_OFFL_SIR_GOPM_2_20190331T113533_20190331T113938_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190331T120423_20190331T12042_C001 CS_OFFL_SIR_GOPM_2_20190331T120423_20190331T13014_20101 CS_OFFL_SIR_GOPM_2_20190331T130914_20190331T131423_C001 CS_OFFL_SIR_GOPM_2_20190331T130914_20190331T131423_C001 CS_OFFL_SIR_GOPM_2_20190331T130914_20190331T131739_C001 CS_OFFL_SIR_GOPM_2_20190331T130303_0190331T13224_C001 CS_OFFL_SIR_GOPM_2_20190331T130303_0190331T13224_C001 CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T13224_C001 CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T135546_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140015_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140015_C001 CS_OFFL_SIR_GOPM_2_20190331T141552_20190331T140015_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T144034_C001 CS_OFFL_SIR_GOPM_2_20190331T140046_20190331T144034_C001 CS_OFFL_SIR_GOPM_2_20190331T140046_20190331T145321_C001 CS_OFFL_SIR_GOPM_2_20190331T140046_20190331T145321_C001 CS_OFFL_SIR_GOPM_2_20190331T140046_20190331T145040_C001 CS_OFFL_SIR_GOPM_2_20190331T140046_20190331T140046_C001 CS_OFFL_SIR_GOPM_2_20190331T140046_20190331T140046_C001 CS_OFFL_SIR_GOPM_2_20190331T140046_20190331T140046_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_C0010031T140006_C001	CS_OFFL_SIR_GOPM_2_20190331T114112_20190331T115443_C001	Ocean Range Averaging Status	
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CS_OFFL_SIR_GOPM_2_20190331T131443_20190331T131739_C001 CS_OFFL_SIR_GOPM_2_20190331T131443_20190331T131739_C001 CS_OFFL_SIR_GOPM_2_20190331T131300_20190331T131739_C001 CS_OFFL_SIR_GOPM_2_20190331T13203_20190331T132224_C001 Ocean Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more 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 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 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 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 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 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 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 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 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 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 records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Aver	CS_OFFL_SIR_GOPM_2_20190331T123352_20190331T130715_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T132224_C001 CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T132224_C001 CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T132224_C001 CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T13224_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140115_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140115_C001 CS_OFFL_SIR_GOPM_2_20190331T141552_20190331T142954_C001 CS_OFFL_SIR_GOPM_2_20190331T143046_20190331T144634_C001 CS_OFFL_SIR_GOPM_2_20190331T144634_C001 CS_OFFL_SIR_GOPM_2_20190331T144634_C001 CS_OFFL_SIR_GOPM_2_20190331T144617_20190331T1445321_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T15257_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T150043_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T160907_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CCS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CCS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CCS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_GOPM_2_20190331T130914_20190331T131423_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T132224_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 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 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 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 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 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 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 records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T150257_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T160301_C001 CS_OFFL_SIR_GOPM_2_20190331T155321_20190331T160301_C001 CS_OFFL_SIR_GOPM_2_20190331T160147_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T162732_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T162732_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T162732_20190331T163206_C001 CS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163206_C001 CS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163206_C001 CS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163206_C001 CS_OFFL_SIR_GOPM_2_20190331T163207_C0190331T163206_C001 CS_OFFL_SIR_GOPM_2_20190331T163207_C0190331T163206_C001 CS_OFFL_SIR_GOPM_2_20190331T163207_C0190331T163206_C001 CS_OFFL_SIR_GOPM_2_20190331T163207_C0190331T163206_C001 CS_OFF	CS_OFFL_SIR_GOPM_2_20190331T131443_20190331T131739_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190331T132522_20190331T140015_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140115_C001 CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T142954_C001 CS_OFFL_SIR_GOPM_2_20190331T143046_20190331T144634_C001 CS_OFFL_SIR_GOPM_2_20190331T143046_20190331T144634_C001 CS_OFFL_SIR_GOPM_2_20190331T144817_20190331T145321_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T15257_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T15257_C001 CS_OFFL_SIR_GOPM_2_20190331T151917_20190331T153043_C001 CS_OFFL_SIR_GOPM_2_20190331T151917_20190331T150254_20190331T160305_C001 CS_OFFL_SIR_GOPM_2_20190331T1603257_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T1602732_20190331T163231_C001 CS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163231_C001 CC_ERANGE 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 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 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 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 records. The Ocean Range Averaging Status Flag has been set for one or mor	CS_OFFL_SIR_GOPM_2_20190331T132030_20190331T132224_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
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CS_OFFL_SIR_GOPM_2_20190331T143046_20190331T144634_C001 CS_OFFL_SIR_GOPM_2_20190331T144817_20190331T145321_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T151257_C001 CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T153043_C001 CS_OFFL_SIR_GOPM_2_20190331T153043_C001 CS_OFFL_SIR_GOPM_2_20190331T15321_20190331T153043_C001 CS_OFFL_SIR_GOPM_2_20190331T15321_20190331T160907_C001 CS_OFFL_SIR_GOPM_2_20190331T16047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T161047_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T162732_20190331T162532_C001 CS_OFFL_SIR_GOPM_2_20190331T162732_20190331T163231_C001 CS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163231_C001 CS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163306_C001 CS_OFFL_SIR_GOPM_2_20190331T163940_20190331T163306_C001 CS_OFFL_SIR_GOPM_2_20190331T163940_20190331T163940_20190331T170253_C001 CS_OFFL_SIR_GOPM_2_20190331T163940_20190331T170253_C001 CS_OFFL_SIR_GOPM_2_20190331T163940_20190331T170253_C00	CS OFFL SIR GOPM 2 20190331T141552 20190331T142954 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
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CS_OFFL_SIR_GOPM_2_20190331T163231_C001			
CS_OFFL_SIR_GOPM_2_20190331T162732_20190331T163231_C001			records.
CS_OFFL_SIR_GOPM_2_201903311163257_201903311163306_C001			records.
LS OFFE SIR GOPM 2 201903311163940 201903311170253 COOL TOCKER RANGE AVERAGING STATUS			records.
	CS_UFFL_SIK_GUPM_2_201903311163940_20190331T170253_C001	Ocean Range Averaging Status	

CS_OFFL_SIR_GOPM_2_20190331T174200_20190331T180503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T180814_20190331T181148_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T181752_20190331T184657_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T191751_20190331T194422_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T194556_20190331T195102_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T195716_20190331T200906_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T203156_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T205433_20190331T210503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T211745_20190331T212417_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T213134_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T221041_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T224406_20190331T230345_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T231028_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190331T113939_20190331T114103_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190331T195102_20190331T195109_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190331T195436_20190331T195607_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190331T231029_20190331T231335_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190331T020438_20190331T020918_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190331T040723_20190331T041021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190331T041235_20190331T041409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190331T054257_20190331T054934_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190331T081057_20190331T081220_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190330T235643_20190331T000112_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T000631_20190331T001324_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_20190331T001334_20190331T003940_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_20190331T005942_20190331T012851_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_20190331T014656_20190331T020438_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_20190331T020919_20190331T021631_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_20190331T023219_20190331T023536_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T024126_20190331T025322_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_20190331T025537_20190331T031040_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_20190331T031713_20190331T031931_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T032008_20190331T032427_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T032606_20190331T034106_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_20190331T034246_20190331T035737_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_20190331T042049_20190331T042650_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_20190331T042813_20190331T043123_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_20190331T043637_20190331T045235_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_20190331T045502_20190331T050334_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T050539_20190331T052834_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_20190331T063412_20190331T063603_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190331T063659_20190331T064138_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

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According to the company of the co	CS_OFFL_SIR_GOPM_2_20190331T064430_20190331T071059_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
Comp. Bit. Comp. 2 (2000)11176104 (2000) 2000011760104 (2001) 2000011760104 (2000) 2000011760	CS_OFFL_SIR_GOPM_2_20190331T074322_20190331T075318_C001		
6. OFF. 381 GOMP 2 29100317100312 29100317100312 0011 6. OFF. 381 GOMP 2 2910031710031 10003 0011 6. OFF. 381 GOMP 2 2910031710032 2910031 10003 0011 6. OFF. 381 GOMP 2 2910031710032 2910031 10003 0011 6. OFF. 381 GOMP 2 2910031710032 2910031710032 0011 6. OFF. 381 GOMP 2 2910031710032 2910031710	CS_OFFL_SIR_GOPM_2_20190331T075856_20190331T081056_C001		
Better 18 Comp 2 protesty transport	CS_OFFL_SIR_GOPM_2_20190331T081340_20190331T081354_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
Secretary and communication of the communication of	CS_OFFL_SIR_GOPM_2_20190331T081617_20190331T082210_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
Co. P. C. S. GOPPL 2 (2010)351110048 (2010)37110041 (2010)	CS_OFFL_SIR_GOPM_2_20190331T082338_20190331T085242_C001		The SWH and Ocean Averaging Status Flags have been set for one or
Dec. Perf. Bits Control Co	CS_OFFL_SIR_GOPM_2_20190331T091449_20190331T094955_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Col. Child See Communication Col. Child See Communication Col. Child See Col. Child See Communication Col. Child See C	CS OFFL SIR GOPM 2 20190331T095524 20190331T100041 C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CO CPF., SIR GOM 2 20100031110016 20100311110016 CID 10 10 10 10 10 10 10 10 10 10 10 10 10	CS OFFL SIR GOPM 2 20190331T100213 20190331T100520 C001		The SWH and Ocean Averaging Status Flags have been set for one or
SOUTH_BIR_COPM_2_201000011110010_011000_01110010_01100100		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_CPPL_SR_COPPL_2.2018031111604_C011 CS_CPPL_SR_COPPL_2.2018031111605_C011 CS_CPPL_SR_COPPL_2.201803111605_C011 CS_CPPL_SR_COPPL_2.2018031111605_C011 CS_CPPL_SR_COPPL_2.201803111605_C011 CS_CPPL_SR_COPPL_		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
DE, DFFL, BIT, COPPL 2, 201000311110812, 201100311110912, 201100311110912, 201100311110912, 201100311110912, 201100311110912, 201100311110912, 20110031110912,		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Co. OFTL_SIR_COPM_2_00190391T119039_C001		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
DS _CFFL_SR_COPM_2_2010031T114012_2010040_1011			The Ice Backscatter Averaging Status Flag has been set for one or more
Sey CPFL_SIR_COPMZ0100031111020_20100311110000_C011 Sey CPFL_SIR_COPMZ01000311110200_2010031110000_C011 Sey CPFL_SIR_COPMZ01000311102000_2010031110000_C011 Sey CPFL_SIR_COPMZ01000311100000_C011 Sey CPFL_SIR_COPMZ01000311100000_C011 Sey CPFL_SIR_COPMZ01000311100000_C011 Sey CPFL_SIR_COPMZ0100031110000_C011 Sey CPFL_SIR_COPMZ01000311100000_C011 Sey CPFL_SIR_COPMZ0100031110000000000000000000000000000		SWH Averaging Status, Ocean	
SOFT_SIR_GOPM_2_20190331T13043_2010331T12019_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T13018_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T13142_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T13142_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T13018_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T1019_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T13043_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T14008_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T14008_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T14008_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T14008_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T14008_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_2010331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001331T10018_C001 SOFT_SIR_GOPM_2_20190331T10018_C001331T10018_C001 SOFT_SIR_GOPM_2_20190331T1001331T1001331T1001301T1001301T1001301T1001			
SOFFL, SIR, GOPM 2, 20190331T19014 20190331T19019 C001 SOFFL, SIR, GOPM 2, 20190331T19019 C001		<u> </u>	
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SO PFL_SR_COPM_2_20190331T167282_0190331T16928_C001 SO FFL_SR_COPM_2_2019033T167282_019033T16909_C001 SO FFL_SR_COPM_2_2019033T167283_001 SO FFL_SR_COPM_2_2019033T167294_0019033T170909_C001 SO FFL_SR_COPM_2_2019033T167294_0019033T170909_C001 SO FFL_SR_COPM_2_2019033T167294_0019033T170909_C001 SO FFL_SR_COPM_2_2019033T167294_0019033T170909_C001 SO FFL_SR_COPM_2_2019033T167294_0019033T170909_C001 SO FFL_SR_COPM_2_2019033T170944_0019033T170909_C001 SO FFL_SR_COPM_2_2019033T170944_0019033T170909_C001 SO FFL_SR_COPM_2_2019033T170944_0019033T170949_C001 SO		Backscatter Averaging Status	more records.
SO PFL_SR_COPM_2_20190331T19375_20190331T19356_0001 SO FFL_SR_COPM_2_20190331T19376_019033T19376_0010 SO FFL_SR_COPM_2_20190331T19375_0019033T19375_0001 SO FFL_SR_COPM_2_20190331T19376_019033T19376_0010 SO FFL_SR_COPM_2_2019033T179375_019033T19305_0001 SO FFL_SR_COPM_2_2019033T179375_019033T19305_0001 SO FFL_SR_COPM_2_2019033T179357_019033T19305_0001 SO FFL_SR_COPM_2_2019033T179357_019033T19305_0001 SO FFL_SR_COPM_2_2019033T179357_019033T190305_0001 SO FFL_SR_COPM_2_2019033T179357_019033T190305_0001 SO FFL_SR_COPM_2_2019033T179357_019033T190305_0001 SO FFL_SR_COPM_2_2019033T179357_0019033T190305_0001 SO FFL_SR_COPM_2_2019033T179355_0019033T190305_0001 SO FFL_SR_COPM_2_2019033T179355_0019033T190305_0001 SO FFL_SR_COPM_2_2019033T179355_0019033T190305_0001 SO FFL_SR_COPM_2_2019033T179355_0019033T190305_0001 SO FFL_SR_COPM_2_2019033T179355_001903T190305_0001 SO FFL_SR_COPM_2_2019033T179355_0019033T190305_0001 SO FFL_SR_COPM_2_2019033T179355_001903T190305_0001 SO FFL_SR_COPM_2_2019033T179355_001903T190305_0001 SO FFL_SR_COPM_2_2019033T17935_001903T1790305_0001 SO FFL_SR_COPM_2_2019033T17935_001903T1790305_0001 SO FFL_SR_COPM_2_2019033T17935_001903T1790305_0001 SO FFL_SR_COPM_2_2019033T17935_001903T1790305_0001 SO FFL_SR_COPM_2_2019033T17935_001903T1790305_0001 SO	CS_OFFL_SIR_GOPM_2_20190331T130914_20190331T131423_C001	Ice Backscatter Averaging Status	records.
SecSoFEL SR, GOPM 2, 20190331T140006_20190331T14015_C001 Se GPFL_SIR_GOPM 2, 20190331T140006_20190331T14015_C001 Se GPFL_SIR_GOPM 2, 20190331T140006_20190331T14015_C001 Se GPFL_SIR_GOPM 2, 20190331T140006_20190331T14015_C001 Se GPFL_SIR_GOPM 2, 20190331T140006_20190	CS_OFFL_SIR_GOPM_2_20190331T131443_20190331T131739_C001		records.
CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140016_C001 CS_OFFL_SIR_GOPM_2_20190331T140016_20190331T140264_C001 CS_OFFL_SIR_GOPM_2_20190331T140016_20190331T14051_C001 CS_OFFL_SIR_GOPM_2_20190331T140016_20190331T14051_C001 CS_OFFL_SIR_GOPM_2_20190331T140016_20190331T14051_C001 CS_OFFL_SIR_GOPM_2_20190331T140016_20190331T14051_C001 CS_OFFL_SIR_GOPM_2_20190331T140016_20190331T140016_C001 CS_OFFL_SIR_GOPM_2_20190331T140016_20190331T140016_C001 CS_OFFL_SIR_GOPM_2_20190331T160017_20190331T160017_C001 CS_OFFL_SIR_GOPM_2_20190331T160017_20190331T1600017_C001 CS_OFFL_SIR_GOPM_2_20190331T1600017_C001 CS_OFFL_SIR_GOPM_2_20190331T1600017_C001 CS_OFFL_SIR_GOPM_2_20190331T1600017_C001 CS_OFFL_SIR_GOPM_2_20190331T16000017_C001 CS_OFFL_SIR_GOPM_2_20190331T16000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190331T132522_20190331T135546_C001		more records.
SCOPEL_SIR_GOPM_2_20190331T149264_2019033T1149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149264_2019033T1149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149321_CO01 SCOPEL_SIR_GOPM_2_20190331T149322_CO01 SCOPEL_SIR_GOPM_2_20190331T149202_CO01 SCOPEL_SIR_GOPM_2_20190331T149202_CO01 SCOPEL_SIR_GOPM_2_20190331T149202_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO010 SCOPEL_SIR_GOPM_2_20190331T149304_CO010331T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO010331T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO010331T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO010331T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO010331T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO010331T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T149304_CO010331T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T190530_CO01031T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T190530_CO01031T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T190530_CO01031T190530_CO01 SCOPEL_SIR_GOPM_2_20190331T190530_CO01031	CS_OFFL_SIR_GOPM_2_20190331T135744_20190331T140006_C001	Ice Backscatter Averaging Status	records.
Soffer, Sirk, GOPM_2, 20190331T14952_019033T146254_COD1 Soffer, Sirk, GOPM_2, 20190331T149517_2019033T145024_COD1 Soffer, Sirk, GOPM_2, 20190331T149517_2019033T145024_COD1 Soffer, Sirk, GOPM_2, 2019033T145027_2019033T145024_COD1 Soffer, Sirk, GOPM_2, 2019033T145027_2019033T145023_COD1 Soffer, Sirk, GOPM_2, 2019033T145027_2019033T145024_COD1 Soffer, Sirk, GOPM_2, 2019033T145027_2019033T145024_COD1 Soffer, Sirk, GOPM_2, 2019033T145027_2019033T145025_COD1 Soffer, Sirk, GOPM_2, 2019033T145027_2019033T145020_COD1 Soffer, Sirk, GOPM_2, 2019033T145027_2019033T145020_COD1 Soffer, Sirk, GOPM_2, 2019033T146027_COD1 Soffer, Sirk, GOPM_2, 2019033T146027_COD1033T146027_COD1 Soffer, Sirk, GOPM_2, 2019033T146027_COD1033T14	CS_OFFL_SIR_GOPM_2_20190331T140006_20190331T140115_C001	~ ~	records.
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20190331T1454817_20190331T1545321_CO10 SQ_OFFL_SIR_GOPM_2_20190331T155524_20190331T150304_CO10 SQ_OFFL_SIR_GOPM_2_20190331T15572_20190331T160907_CO11 SQ_OFFL_SIR_GOPM_2_20190331T16097_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T16097_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T16097_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T16097_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T16097_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T160907_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T160907_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T160907_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T160907_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T160907_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T1909007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T1909007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T1900007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T1900007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T1900007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T1900007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T1900007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T1909031T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1909031T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T1900031T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T120144_20190331T19000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T120144_20190331T120000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T120144_20190331T120000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T120144_20190331T120000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T120144_20190331T20000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T20144_20190331T200000007_CO10 SQ_OFFL_SIR_GOPM_2_20190331T20144_20190331T200000007_CO10 SQ_OFFL_SIR_GOPM_2_2019033	CS_OFFL_SIR_GOPM_2_20190331T141552_20190331T142954_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20190331T19325_100331T19325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T16325_C001 SQ_OFFL_SIR_GOPM_2_20190331T196345_C001 SQ_OFFL_SIR_GOPM_2_20190331T196345_C001 SQ_OFFL_SIR_GOPM_2_20190331T196345_C001 SQ_OFFL_SIR_GOPM_2_20190331T196345_C001 SQ_OFFL_SIR_GOPM_2_20190331T19635_C001 SQ_OFFL_SIR_GOPM_2_20190331T19636_C001 SQ_OFFL_SIR_GOPM_2_20190331T121312_C001 SQ_OFFL_SIR_GOPM_2_20190331T121312_C001 SQ_OFFL_SIR_GOPM_2_20190331T121332_C001 SQ_OFFL_SIR_GOPM_2_20190331T121332_C001 SQ_OFFL_SIR_GOPM_2_20190331T213334_C001 SQ_OFFL_SIR_GOPM_2_20190331T213334_C001 SQ_OFFL_SIR_GOPM_2_20190331T213334_C001 SQ_OFFL_SIR_GOPM_2_20190331T20456_20190331T20503_C001 SQ_OFFL_SIR_GOPM_2_20190331T20456_20190331T20503_C001 SQ_OFFL_SIR_GOPM_2_20190331T20456_20190331T20503_C001 SQ_OFFL_SIR_GOPM_2_20190331T2045	CS_OFFL_SIR_GOPM_2_20190331T143046_20190331T144634_C001		more records.
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Backscatter Averaging Status Syrth Averaging Status	CS_OFFL_SIR_GOPM_2_20190331T150254_20190331T151257_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status GS OFFL_SIR_GOPM 2_20190331T160347_20190331T163306_C001 GS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163306_C001 GS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163306_C001 GS_OFFL_SIR_GOPM_2_20190331T163267_20190331T105306_C001 GS_OFFL_SIR_GOPM_2_20190331T163940_20190331T105030_C001 GS_OFFL_SIR_GOPM_2_20190331T163940_20190331T190503_C001 GS_OFFL_SIR_GOPM_2_20190331T163940_20190331T190503_C001 GS_OFFL_SIR_GOPM_2_20190331T180934_C001 GS_OFFL_SIR_GOPM_2_20190331T190503_C001 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T120503_C001 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T120503_C001 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T221050 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T221050 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T221050 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T221050 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T221050 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T22250 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T22250 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T22250 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T22250 GS_OFFL_SIR_GOPM_2_20190331T20503_00031T22250 GS_OFFL_SIR_GOPM_2_20190331T20503_000331T22250 GS_OFFL_SIR_GOPM_2_20190331T20503_000331T22250 GS_OFFL_SIR_GOPM_2_20190331T20503_000331T222500 GS_OFFL_SIR_GOPM_2_20190331T20503_000331T222500 GS_OFFL_SIR_GOPM_2_20190331T20503_000331T222500 GS_OFFL_SIR_GO	CS_OFFL_SIR_GOPM_2_20190331T151917_20190331T153043_C001		
So. OFFL_SIR_GOPM_2_20190331T182732_20190331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T182732_C0100331T170253_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20190331T18014_20190331T18146_C001 CS_OFFL_SIR_GOPM_2_20190331T180152_0190331T19455_C001 SWH Averaging Status, Ocean Backscatter Averaging St	CS_OFFL_SIR_GOPM_2_20190331T155321_20190331T160907_C001		
cs_offt_sir_Gopm_2_20190331T16326_20190331T16326_c001 cs_offt_sir_Gopm_2_20190331T16326_20190331T16326_c001 cs_offt_sir_Gopm_2_20190331T160263_c001 cs_offt_sir_Gopm_2_20190331T180814_20190331T180636_c001 cs_offt_sir_Gopm_2_20190331T180814_20190331T180636_c001 cs_offt_sir_Gopm_2_20190331T180814_20190331T180636_c001 cs_offt_sir_Gopm_2_20190331T180814_20190331T180636_c001 cs_offt_sir_Gopm_2_20190331T180814_20190331T180636_c001 cs_offt_sir_Gopm_2_20190331T190331T180636_c001 cs_offt_sir_Gopm_2_20190331T191751_20190331T180636_c001 cs_offt_sir_Gopm_2_20190331T191751_20190331T194526_c001 cs_offt_sir_Gopm_2_20190331T194556_20190331T194422_c001 cs_offt_sir_Gopm_2_20190331T195109_c0190331T195102_c001 cs_offt_sir_Gopm_2_20190331T195109_c0190331T203466_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T203466_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T203466_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T20346_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T20346_c001 cs_offt_sir_Gopm_2_20190331T203436_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T20345_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T203456_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T203456_c001 cs_offt_sir_Gopm_2_20190331T203456_c001 cs_offt_sir_Gopm_2_20190331T203456_c001 cs_offt_sir_Gopm_2_20190331T203442_00190331T203456_c001 cs_offt_sir_Gopm_2_20190331T203456_c001 cs_o	CS_OFFL_SIR_GOPM_2_20190331T161047_20190331T162532_C001		
CS_OFFL_SIR_GOPM_2_20190331T108304_20190331T108305_C001 SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocea	CS_OFFL_SIR_GOPM_2_20190331T162732_20190331T163231_C001	Ice Backscatter Averaging Status	
S_OFFL_SIR_GOPM_2_20190331T19420_20190331T194422_CO01 S_OFFL_SIR_GOPM_2_20190331T19510_20190331T194422_CO01 S_OFFL_SIR_GOPM_2_20190331T19510_20190331T195102_CO01 S_OFFL_SIR_GOPM_2_20190331T19510_20190331T195102_CO01 S_OFFL_SIR_GOPM_2_20190331T195102_CO01 S_OFFL_SIR_GOPM_2_20190331T200906_CO01 S_OFFL_SIR_GOPM_2_20190331T200906_CO01 S_OFFL_SIR_GOPM_2_20190331T200906_CO01 S_OFFL_SIR_GOPM_2_20190331T200906_CO01 S_OFFL_SIR_GOPM_2_20190331T200906_CO01 S_OFFL_SIR_GOPM_2_20190331T201502_CO01 S_OFFL_SIR_GOPM_2_20190331T200906_CO01 S_OFFL_SIR_GOPM_2_20190331T21406_CO01 S_OFFL_SIR_GOPM_2_20190331T21406_CO01 S_OFFL_SIR_GOPM_2_20190331T21505_CO01 S_OFFL_SIR_GOPM_2_20190331T21505_CO01 S_OFFL_SIR_GOPM_2_20190331T21505_CO01 S_OFFL_SIR_GOPM_2_20190331T21505_CO01 S_OFFL_SIR_GOPM_2_20190331T21505_CO01 S_OFFL_SIR_GOPM_2_20190331T230519_20190331T230346_CO01 S_OFFL_SIR_GOPM_2_20190331T23505_CO01	CS_OFFL_SIR_GOPM_2_20190331T163257_20190331T163306_C001	Ice Backscatter Averaging Status	
SS_OFFL_SIR_GOPM_2_20190331T180814_20190331T18148_C001	CS_OFFL_SIR_GOPM_2_20190331T163940_20190331T170253_C001		
CS_OFFL_SIR_GOPM_2_20190331T181752_20190331T194422_C001 SWH Averaging Status SWH Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flag have been set for one or more records. The SWH and Ocean Averaging Status Flag have been set for one or more records. The SWH and Ocean Averaging Status Flag have been set for one or more records. The CB ackscatter Averaging Status The Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPM_2_20190331T174200_20190331T180503_C001		
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20190331T191751_20190331T194422_CO01 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20190331T194556_20190331T195102_CO01 CS_OFFL_SIR_GOPM_2_20190331T195109_20190331T195102_CO01 CS_OFFL_SIR_GOPM_2_20190331T195716_20190331T200906_CO01 SWH Averaging Status CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T200906_CO01 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The Ice Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and	CS_OFFL_SIR_GOPM_2_20190331T180814_20190331T181148_C001	Ice Backscatter Averaging Status	
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CS_OFFL_SIR_GOPM_2_20190331T195109_20190331T195436_C001 CS_OFFL_SIR_GOPM_2_20190331T195716_20190331T200906_C001 CS_OFFL_SIR_GOPM_2_20190331T205716_20190331T200906_C001 CS_OFFL_SIR_GOPM_2_20190331T205716_20190331T200906_C001 CS_OFFL_SIR_GOPM_2_20190331T205716_20190331T200906_C001 CS_OFFL_SIR_GOPM_2_20190331T205716_20190331T200506_C001 CS_OFFL_SIR_GOPM_2_20190331T205433_20190331T20503_C001 CS_OFFL_SIR_GOPM_2_20190331T205433_20190331T210503_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T2147_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T2147_C001 CS_OFFL_SIR_GOPM_2_20190331T21555_20190331T213134_C001 CS_OFFL_SIR_GOPM_2_20190331T21555_20190331T21000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190331T191751_20190331T194422_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T19510e_20190331T200906_C001 CS_OFFL_SIR_GOPM_2_20190331T195716_20190331T2003156_C001 CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T203156_C001 CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T203156_C001 CS_OFFL_SIR_GOPM_2_20190331T205433_20190331T20550_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T210503_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T212417_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T213134_C001 CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T213134_C001 CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T2210600 CS_OFFL_SIR_GOPM_2_20190331T224406_20190331T22001 CS_OFFL_SIR_GOPM_2_20190331T224406_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T23002 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331	CS_OFFL_SIR_GOPM_2_20190331T194556_20190331T195102_C001		
CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T203156_C001 CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T203156_C001 CS_OFFL_SIR_GOPM_2_20190331T20503_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T2147_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T2147_C001 CS_OFFL_SIR_GOPM_2_20190331T21555_20190331T213134_C001 CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T210503_C001 CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T210503_C001 CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T210503_C001 CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T210503_C001 CS_OFFL_SIR_GOPM_2_20190331T210503_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T22041_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T220502_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T23028_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T231028_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_2	CS_OFFL_SIR_GOPM_2_20190331T195109_20190331T195436_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T20503_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status S	CS_OFFL_SIR_GOPM_2_20190331T195716_20190331T200906_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T212417_C001 CS_OFFL_SIR_GOPM_2_20190331T21745_20190331T212417_C001 CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T213134_C001 CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T221041_C001 CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T221041_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_GOPM_2_20190331T224406_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T23023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T1395102_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T1495102	CS_OFFL_SIR_GOPM_2_20190331T201444_20190331T203156_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T211745_20190331T212417_C001 CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T213134_C001 CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T221041_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_GOPM_2_20190331T224406_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T23028_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14103_C001 CS_O	CS_OFFL_SIR_GOPM_2_20190331T205433_20190331T210503_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T213134_C001 CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T221041_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 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 one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status	CS_OFFL_SIR_GOPM_2_20190331T211745_20190331T212417_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T213638_20190331T221041_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Status SWH Averaging Status, Ocean Backscatter Averaging Status Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20190331T224406_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C00	CS_OFFL_SIR_GOPM_2_20190331T212555_20190331T213134_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_GOPM_2_20190331T2224406_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T1495102_20190331T14403_C001 CS_OFFL_SIR_GOPM_2_20190331T14403_C001 CS_OFFL_SIR_GOPM_2		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T224406_20190331T230345_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T131545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_GOPM_2_20190331T113939_20190331T114103_C0		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_GOPM_2_20190331T13393_20190331T14103_C001 CS_OFFL_SIR_GOPN_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_GOPN_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_GOPN_2_20190331T195109_C001 CS		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20190331T231545_20190331T235023_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status SWH Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records.			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPN_2_20190331T113939_20190331T114103_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status SWH Averaging Status Inch lectoris. The SWH and Ocean Averaging Status Flags have been set for one or more records. The lice Backscatter Averaging Status The lice Backscatter Averaging Status Flags have been set for one or more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPN_2_20190331T195102_20190331T195109_C001		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
records.			The Ice Backscatter Averaging Status Flag has been set for one or more
			records.

CS_OFFL_SIR_GOPN_2_20190331T195436_20190331T195607_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_20190331T231029_20190331T231335_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190331T020438_20190331T020918_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_20190331T040723_20190331T041021_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_20190331T041235_20190331T041409_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_20190331T054257_20190331T054934_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_20190331T081057_20190331T081220_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

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

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

Number of products with errors:

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors:

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). 0

Number of products with errors:

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220190331T000034_20190331T005010_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190331T005010_20190331T013947_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T013947_20190331T022923_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T022923_20190331T031901_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_220190331T031901_20190331T040837_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_220190331T040837_20190331T045814_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_220190331T045814_20190331T054750_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_220190331T054750_20190331T063728_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T063728_20190331T072704_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_220190331T072704_20190331T081642_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T081642_20190331T090618_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_220190331T090618_20190331T095555_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_220190331T095555_20190331T104531_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_220190331T104531_20190331T113509_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T113509_20190331T122445_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_220190331T122445_20190331T131422_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_20190331T131422_20190331T140358_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_220190331T140358_20190331T145336_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_220190331T145336_20190331T154312_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T154312_20190331T163249_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_220190331T163249_20190331T172225_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_220190331T172225_20190331T181203_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_220190331T181203_20190331T190139_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_220190331T190139_20190331T195116_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_220190331T195116_20190331T204053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T204053_20190331T213030_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T213030_20190331T222006_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_220190331T222006_20190331T230944_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_20190331T230944_20190331T235920_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_20190331T000034_20190331T005010_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_20190331T005010_20190331T013947_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_20190331T013947_20190331T022923_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_20190331T022923_20190331T031901_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_20190331T031901_20190331T040837_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_20190331T040837_20190331T045814_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_20190331T045814_20190331T054750_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_20190331T054750_20190331T063728_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190331T063728_20190331T072704_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_20190331T072704_20190331T081642_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_20190331T081642_20190331T090618_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_20190331T090618_20190331T095555_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_20190331T095555_20190331T104531_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_20190331T104531_20190331T113509_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_20190331T113509_20190331T122445_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_20190331T122445_20190331T131422_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_20190331T131422_20190331T140358_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_20190331T140358_20190331T145336_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_20190331T145336_20190331T154312_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_20190331T154312_20190331T163249_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_20190331T163249_20190331T172225_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_20190331T172225_20190331T181203_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_20190331T181203_20190331T190139_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_20190331T190139_20190331T195116_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_20190331T195116_20190331T204053_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_20190331T204053_20190331T213030_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_20190331T213030_20190331T222006_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_20190331T222006_20190331T230944_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_20190331T230944_20190331T235920_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.

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_220190331T000034_20190331T005010_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T005010_20190331T013947_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T013947_20190331T022923_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T022923_20190331T031901_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T031901_20190331T040837_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T040837_20190331T045814_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T045814_20190331T054750_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T054750_20190331T063728_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T063728_20190331T072704_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T072704_20190331T081642_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T081642_20190331T090618_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T090618_20190331T095555_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T095555_20190331T104531_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T104531_20190331T113509_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T113509_20190331T122445_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T122445_20190331T131422_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T131422_20190331T140358_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T140358_20190331T145336_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T145336_20190331T154312_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T154312_20190331T163249_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T163249_20190331T172225_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T172225_20190331T181203_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T181203_20190331T190139_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T190139_20190331T195116_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T195116_20190331T204053_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T204053_20190331T213030_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190331T213030_20190331T222006_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190331T222006_20190331T230944_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190331T230944_20190331T235920_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.