



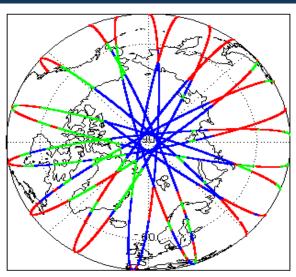
1. Overview

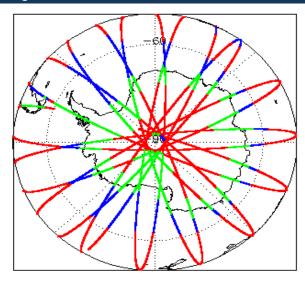
Report Production:	10-Jul-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data

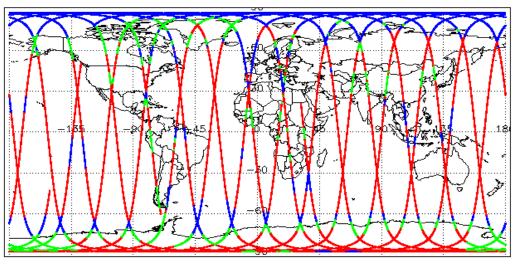
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

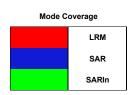
ı	Mission / Instrument News		
08-Jun-2018		None	
l	09-Jun-2018	None	
10-Jun-2018		Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

0

4.2 L1B Product Header Analysis

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

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product		Description
CS_OFFL_SIR_GOPM1B_20180609T092656_20180609T093139_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors: 17

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180609T165256_20180609T170802_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T023739_20180609T024015_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T055318_20180609T055404_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T055615_20180609T055831_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T065918_20180609T070331_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T104802_20180609T105221_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T150629_20180609T151141_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T155734_20180609T160124_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180609T191547_20180609T191802_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T022851_20180609T023219_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T054928_20180609T055144_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T072947_20180609T073157_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T091526_20180609T092305_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T105221_20180609T110003_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T181028_20180609T181428_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T181441_20180609T181508_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180609T235417_20180609T235701_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors: 0

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

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:

		I
Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180609T092656_20180609T093139_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180608T233225_20180609T000501_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T001221_20180609T001746_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T002057_20180609T002538_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T005608_20180609T005923_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T011121_20180609T012026_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T012311_20180609T014453_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T015119_20180609T015224_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T015228_20180609T015637_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T020048_20180609T021813_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T024758_20180609T032319_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T032639_20180609T033122_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T034223_20180609T041341_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T041536_20180609T041812_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T042628_20180609T044104_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T044545_20180609T044702_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T044705_20180609T050258_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T050505_20180609T051020_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T051039_20180609T051052_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T051055_20180609T051231_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T052031_20180609T053400_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T053614_20180609T054928_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T055144_20180609T055232_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T061543_20180609T062604_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T062744_20180609T064151_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T064430_20180609T064931_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T064938_20180609T064949_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T065009_20180609T065110_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T070331_20180609T071041_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T071503_20180609T071953_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T075847_20180609T082021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T082501_20180609T082847_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T082854_20180609T082903_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T082909_20180609T083151_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T083543_20180609T090041_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T093540_20180609T100007_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T101515_20180609T102602_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T103141_20180609T104801_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T111225_20180609T112517_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T112521_20180609T113045_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T113434_20180609T113924_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T114243_20180609T115038_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T115507_20180609T122756_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T130513_20180609T131810_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T132215_20180609T132727_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T133408_20180609T135541_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T135826_20180609T140856_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180609T141932_20180609T142236_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T143829_20180609T144435_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T144623_20180609T145652_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
_		records.

CS_OFFL_SIR_GOPM_2_20180609T150357_20180609T150628_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T151348_20180609T155004_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T160208_20180609T163407_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T164341_20180609T164536_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T164735_20180609T165040_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T165256_20180609T170802_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T170954_20180609T172043_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T173736_20180609T173944_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T174229_20180609T175844_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T182512_20180609T182940_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T183227_20180609T184627_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T184807_20180609T185050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T192506_20180609T193050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T193334_20180609T193619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T193623_20180609T195653_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T200007_20180609T200847_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T201159_20180609T203609_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T210809_20180609T213550_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T214222_20180609T214642_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T215059_20180609T222003_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T224328_20180609T225838_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T230411_20180609T231426_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T232135_20180609T232721_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T232958_20180609T233504_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T233852_20180609T234548_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T065006_20180609T065008_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T071953_20180609T072116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T173944_20180609T174229_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T181605_20180609T182213_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T182941_20180609T183122_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T191852_20180609T192120_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T214107_20180609T214222_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T214642_20180609T214922_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T012026_20180609T012311_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T014453_20180609T014759_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T064151_20180609T064243_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T073703_20180609T074227_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T133030_20180609T133408_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T145653_20180609T150051_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T151141_20180609T151348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180609T181441_20180609T181508_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.

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

Number of products with errors:

Product	Test Failed	Description
CS OFFE SIR GOPM 2 201806081233225 201806091000501 C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T001221_20180609T001746_C001	lice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

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Computer	CS_OFFL_SIR_GOPM_2_20180609T002057_20180609T002538_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
1.0 P.	CS_OFFL_SIR_GOPM_2_20180609T005608_20180609T005923_C001		
September Company Co	CS OFFI SIR GOPM 2 20180609T011121 20180609T012026 C001	SWH Averaging Status, Ocean	
Expert County 2, processor (1998) and processor (1999) and processor (19			
COVET_BIS_COVET_2 properties to 2_properties (CVET_2 properties (CVET_	CS_OFFL_SIR_GOPM_2_201806091012311_201806091014453_C001		more records.
Co.,OH. L. SH., GOPPL_2 20160001102001 (2016) C. CO. OH. L. SH., GOPPL_2 20160001102	CS_OFFL_SIR_GOPM_2_20180609T015119_20180609T015224_C001	Ice Backscatter Averaging Status	records.
Beduced Averaging States. Copyrer Jam (2004) 2, 2019 (2004) (200	CS_OFFL_SIR_GOPM_2_20180609T015228_20180609T015637_C001	Ice Backscatter Averaging Status	
Company 2, proceedants 2, procedants 2	CS_OFFL_SIR_GOPM_2_20180609T020048_20180609T021813_C001		
Ed., DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-8007113112 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-800711413 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-800711413 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-800711413 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-800711413 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-800711313 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-80071131 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-80071131 (2011) COL, DOFF, J. SR., DOFF, J. 2-DIRECTORDES, 218-8007113 (2011) COL, DOFF, J. S	CS OFFL SIR GOPM 2 20180609T024758 20180609T032319 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CO. OFF., SR. COPM. 2. 201000007104003	CS OFFI SIP GOPM 2 20180600T032630 20180600T033122 C001		
Co. OFF. SR. GOM. 2. 20180001110502 2018000110501 Co. 201800011050			
Co-FL, SR, COMPL 2 20188001010829, CO1880010001010 CO1980010 CO1890010101000 CO189001010000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO18900100000 CO189001000000 CO189001000000 CO189001000000 CO1890010000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO189001000000 CO1890010000000 CO189001000000 CO189001000000 CO189001000000 CO1890010000000 CO1890010000000 CO1890010000000 CO189001000000 CO189001000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_201806091034223_201806091041341_C001		more records.
Secretary 2 entirectors (1997) and the secretary 2 entire	CS_OFFL_SIR_GOPM_2_20180609T041536_20180609T041812_C001		records.
Societte Averaging Status. Does G. GPFL_SIR_COPPL_ZOBBROTTORDIAL_ZOBBROOTTORD	CS_OFFL_SIR_GOPM_2_20180609T042628_20180609T044104_C001		
CB_OFF_BIR_COPM_2_20180000F10031_20180000F100302_C001 CB_OFF_BIR_COPM_2_20180000F10031_20180000F100302_C001 CB_OFF_BIR_COPM_2_20180000F10031_20180000F100302_C001 CB_OFF_BIR_COPM_2_20180000F10031_20180000F100302_C001 CB_OFF_BIR_COPM_2_20180000F10031_20180000F100302_C001 CB_OFF_BIR_COPM_2_20180000F10031_20180000F100302_C001 CB_OFF_BIR_COPM_2_20180000F100302_C0010000F100302_C001 CB_OFF_BIR_COPM_2_20180000F100302_C00100010000F100302_C001 CB_OFF_BIR_COPM_2_20180000F100302_C00100010000F100302_C001 CB_OFF_BIR_COPM_2_20180000F100302_C00100010000F100302_C001000100000F100302_C00100000F100302_C00100000F100302_C00100000F100302_C00100000F100302_C00100000F100302_C00100000F100302_C00100000F100302_C00100000F100302_C001000000F100302_C001000000F100302_C00100000F100302_C001000000F100302_C001000000F100302_C001000000F100302_C001000000F100302_C001000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20180609T044705_20180609T050258_C001		
SO OFFL.SIR. GOPM 2_20180007150042_20180007150043_COT SON A Prestring Sillatus. Deam Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more records. SOM Averaging Sillatus. Ocean Biokastillate Averaging Sillatus. Flags have been set for one or more r	CS_OFFL_SIR_GOPM_2_20180609T051055_20180609T051231_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_2016000710504_01. SOFF_SR_COPU_2016000710504_01. SOFF_SR_COPU_20160007110504_01. SOFF_SR_COPU_20160007110	CS OFFL SIR GOPM 2 20180609T052031 20180609T053400 C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_COPM_2.29160007105142_0100007105202_CO01 SINCH AMERICAN STUDIES AND COMMAND ASSESSMENT OF CONTROL		0 0	
Bodecatter Averaging Status Fig. Spertstir. Quarter 2, 2018/06/07102/31, 2018/06/07104/31 (2018) CS_OFFL_SIR_GOOM_2_2018/06/07104/31 (2018) CS_OFFL_SIR_GOOM_2_2018/06/071104/31 (
South Service (1997) and Cooper 2 201800007104430 201800007104401 2000 to Backscatter Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averaging Status Fing has been set for one or more records. South Service (1997) and Cooper Averagi	CS_OFFL_SIR_GOPM_2_20180609T055144_20180609T055232_C001	Backscatter Averaging Status	more records.
So, OFFL, SR, COPM 2, 20180007109430, 20180007109430, 2010 So, OFFL, SR, COPM 2, 2018000709430, 20180007109430	CS_OFFL_SIR_GOPM_2_20180609T061543_20180609T062604_C001		
S. OFFL_SR_COPM_2_20180000710312_01800007107041_C001 S. OFFL_SR_COPM_2_201800007070312_0180007070312_018000070	CS_OFFL_SIR_GOPM_2_20180609T062744_20180609T064151_C001		
CS_OFFL_SIR_GOPM_2_20160000710310_01000071071041_C001 CS_OFFL_SIR_GOPM_2_2016000071071031_2016000071071041_C001 CS_OFFL_SIR_GOPM_2_2016000071071031_2016000071071041_C001 CS_OFFL_SIR_GOPM_2_2016000071071031_2016000071071041_C001 CS_OFFL_SIR_GOPM_2_201600007107687_2016000071026247_C001 CS_OFFL_SIR_GOPM_2_201600007102632_016000071026247_C001 CS_OFFL_SIR_GOPM_2_201600007102634_201600007102620_C001 CS_OFFL_SIR_GOPM_2_201600007102634_201600007102600_C001 CS_OFFL_SIR_GOPM_2_201600007102634_201600007102600_C001 CS_OFFL_SIR_GOPM_2_201600007102634_201600007102600_C001 CS_OFFL_SIR_GOPM_2_201600007102634_201600007102600_C001 CS_OFFL_SIR_GOPM_2_201600007102634_20160000710000_C001 CS_OFFL_SIR_GOPM_2_201600007102634_201600007100000_C001 CS_OFFL_SIR_GOPM_2_201600007102634_201600007110000_C001 CS_OFFL_SIR_GOPM_2_201600007102634_2016000071100000_C001 CS_OFFL_SIR_GOPM_2_20160000710004_C001 CS_OFFL_SIR_GOPM_2_201600007110006_C001 CS_OFFL_SI	CS_OFFL_SIR_GOPM_2_20180609T064430_20180609T064931_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20180009T09331_2018069T0741C001 SG_OFFL_SIR_GOPM_2_20180009T07903_20180690T07903_COT SG_OFFL_SIR_GOPM_2_201800009T07903_20180690T07903_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T082803_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T08284_201800009T08284_COT SG_OFFL_SIR_GOPM_2_201800009T10324_201800009T10344_COT SG_OFFL_SIR_GOPM_2_201800009T10344_201800009T10344_COT SG_OFFL_SIR_GOPM_2_201800009T10344_201800009T10345_COT SG_OFFL_SIR_GOPM_2_201800009T10344_201800009T10345_COT SG_OFFL_SIR_GOPM_2_201800009T10344_201800009T10345_COT SG_OFFL_SIR_GOPM_2_201800009T10343_201800009T103854_COT SG_OFFL_SIR_GOPM_2_201800009T10343_201800009T103854_COT SG_OFFL_SIR_GOPM_2_201800009T103400_20180009T103854_COT SG_OFFL_SIR_GOPM_2_201800009T103400_20180009T103854_COT SG_OFFL_SIR_GOPM_2_201800009T103400_20180009T103854_COT SG_OFFL_SIR_GOPM_2_201800009T103400_20180009T103854_COT SG_OFFL_SIR_GOPM_2_201800009T103400_201800009T14405_COT SG_OFFL_SIR_GOPM_2_201800009T103400_20180009T14405_COT SG_OFFL_SIR_GOPM_2_201800009T132400_20180009T14405_COT SG_OFFL_SIR_GOPM_2_201800009T132400_20180009T14405_COT SG_OFFL_SIR_GOPM_2_201800009T132400_20180009T14405_COT SG_OFFL_SIR_GOPM_2_201800009T132400_20180009T14405_COT SG_OFFL_SIR_GOPM_2_201	CS OFFL SIR GOPM 2 20180609T064938 20180609T064949 C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
SOFFL_SIR_GOPM_2_20180009T07031_20180009T07041_C001 SOFFL_SIR_GOPM_2_20180009T070547_20180009T082021_C001 SOFFL_SIR_GOPM_2_20180009T070547_20180009T082021_C001 SOFFL_SIR_GOPM_2_20180009T08200_20180009T08203_C001 SOFFL_SIR_GOPM_2_20180009T08200_20180009T08203_C001 SOFFL_SIR_GOPM_2_20180009T08200_20180009T08203_C001 SOFFL_SIR_GOPM_2_20180009T08200_20180009T082003_C001 SOFFL_SIR_GOPM_2_20180009T08200_20180009T082003_C001 SOFFL_SIR_GOPM_2_20180009T08200_20180009T082003_C001 SOFFL_SIR_GOPM_2_20180009T092004_20180009T0820007 SOFFL_SIR_GOPM_2_20180009T102004_C001 SOFFL_SIR_GOPM_2_20180009T110204_C001 SOFFL_SIR_GOPM_2_20180009T110			
So, OFFL_SIR, GOPM_2_20180009T071035_20180009T079547. SO, OFFL_SIR, GOPM_2_20180009T079547_20180009T082047_C001 SO, OFFL_SIR, GOPM_2_20180009T082051_20180009T082093_C001 SO, OFFL_SIR, GOPM_2_20180009T082052_20180009T082093_C001 SO, OFFL_SIR, GOPM_2_20180009T082054_20180009T082093_C001 SO, OFFL_SIR, GOPM_2_20180009T082054_20180009T082093_C001 SO, OFFL_SIR, GOPM_2_20180009T082054_20180009T082093_C001 SO, OFFL_SIR, GOPM_2_20180009T082054_20180009T082093_C001 SO, OFFL_SIR, GOPM_2_20180009T002034_20180009T100007_C001 SO, OFFL_SIR, GOPM_2_20180009T100203_20180009T100007_C001 SO, OFFL_SIR, GOPM_2_20180009T100007_C001 SO, OFFL_SIR, GOPM_2_20180009T100007_C001000007_C001 SO, OFFL_S			
GS_OFFL_SIR_GOPM_2_201808091705291_20180090102021_C001 SG_OFFL_SIR_GOPM_2_201808091708294_20180080102203_C001 CS_OFFL_SIR_GOPM_2_201808091708294_20180080102203_C001 CS_OFFL_SIR_GOPM_2_201808091708294_2018009100004_C001 SG_OFFL_SIR_GOPM_2_201808091708394_20180091100007_C001 SG_OFFL_SIR_GOPM_2_201808091708394_20180091100007_C001 SG_OFFL_SIR_GOPM_2_201808091708394_20180091100007_C001 SG_OFFL_SIR_GOPM_2_201808091708394_20180091100007_C001 SG_OFFL_SIR_GOPM_2_201808091708294_20180091100007_C001 SG_OFFL_SIR_GOPM_2_201800091100243_20180091100007_C001 SG_OFFL_SIR_GOPM_2_201800091100243_201800091100007_C001 SG_OFFL_SIR_GOPM_2_201800091100243_201800091100007_C001 SG_OFFL_SIR_GOPM_2_20180009110214_201800091100007_C001 SG_OFFL_SIR_GOPM_2_20180009110151_20180009110200_C001 SG_OFFL_SIR_GOPM_2_20180009110151_20180009110200_C001 SG_OFFL_SIR_GOPM_2_20180009110151_201800091102007_C001 SG_OFFL_SIR_GOPM_2_20180009110204_201800091102007_C001 SG_OFFL_SIR_GOPM_2_20180009110204_201800091102007_C001 SG_OFFL_SIR_GOPM_2_20180009110204_20180009110204_C001 SG_OFFL_SIR_GOPM_2_20180009110204_20180009110205_C001 SG_OFFL_SIR_GOPM_2_20180009110205_20180009113004_C001 SG_OFFL_SIR_GOPM_2_20180009110203_201800009113005_C001 SG_OFFL_SIR_GOPM_2_20180009110203_20180009113000009110200000000000000000000000			
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180609708284_20180609708293_0001 Ioe Backscatter Averaging Status SPIM Averaging Status SPIM Averaging Status SPIM Averaging Status SPIM Averaging Status Fine SPIM and Ocean Averaging Status Flag have been set for one or more records. The Loe Backscatter Averaging Status Flag have been set for one or more records. SPIM Averaging Status CS_OFFL_SIR_GOPM_2_201806097103540_201800097100007_0001 SPIM Averaging Status CS_OFFL_SIR_GOPM_2_201806097100091_201806097101314_0001 CS_OFFL_SIR_GOPM_2_201806097100910_2002_0001 SPIM Averaging Status SPIM SPIM and Ocean Averaging Status Flag have been set for one or more records. SPIM Averaging Status SPIM Averaging Status SPIM SPIM and Ocean Averaging Status Flag have been set for one or more records. SPIM Averaging Status SPIM SPIM and Ocean Averaging Status Flag have been set for one or more records. SPIM SPIM and Ocean Averaging Status Flag have been set for one or more records. SPIM SPIM averaging Status SPIM SPIM and Ocean Averaging Status Flags have been set for one or more records. The SPIM and Ocean Averaging Status Flags have been set for one or more records. SPIM SPIM averaging Status SPIM SPIM averaging Status SPIM SPIM averaging Status SPIM SPIM and Ocean Averaging Status Flags have been set for one or more records. SPIM Averaging Status SPIM Averag	CS_OFFL_SIR_GOPM_2_20180609T071503_20180609T071953_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_201806097108284_201806097080903_C001 CS_OFFL_SIR_GOPM_2_201806097083843_201806097100007_C001 SWH Averaging Status CS_OFFL_SIR_GOPM_2_201806097100243_201806097100007_C001 CS_OFFL_SIR_GOPM_2_201806097100243_201806097100007_C001 CS_OFFL_SIR_GOPM_2_201806097100243_201806097100007_C001 CS_OFFL_SIR_GOPM_2_201806097100008_201806097101744_C001 CS_OFFL_SIR_GOPM_2_201806097101515_201806097102002_C001 CS_OFFL_SIR_GOPM_2_201806097103141_201806097104001_C001 CS_OFFL_SIR_GOPM_2_201806097103141_201806097104001_C001 CS_OFFL_SIR_GOPM_2_201806097103141_201806097112517_C001 CS_OFFL_SIR_GOPM_2_201806097103144_201806097103242_C001 CS_OFFL_SIR_GOPM_2_201806097103144_201806097103242_C001 CS_OFFL_SIR_GOPM_2_201806097103144_201806097103242_C001 CS_OFFL_SIR_GOPM_2_201806097103144_201806097103242_C001 CS_OFFL_SIR_GOPM_2_201806097103144_201806097103242_C001 CS_OFFL_SIR_GOPM_2_201806097103242_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C0010 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100220_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100200_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100200_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100200_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100200_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100200_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100200_C001 CS_OFFL_SIR_GOPM_2_201806097103232_C00100007100200_C001 CS_OFFL_SIR_GOPM_2_201806097103200_C001 CS_OFFL_SIR_GOP	CS_OFFL_SIR_GOPM_2_20180609T075847_20180609T082021_C001		more records.
CS_OFFL_SIR_GOPM_2_2018000911082534_201800091100007_C001 Significance of the control of the con	CS_OFFL_SIR_GOPM_2_20180609T082501_20180609T082847_C001	Ice Backscatter Averaging Status	records.
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Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_201806097100243_2018060971010124C001 toe Backscatter Averaging Status The cercods. SWH Averaging Status The cercods. SWH Averaging Status SWH Averaging Status SWH Averaging Status The cercods. SWH Averaging Status The cercods. The cercods. SWH Averaging Status SWH Averaging Status The cercods. SWH Averaging Status The cercods. The cercods. The cercods. The swH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status The cercods. The	CS_OFFL_SIR_GOPM_2_20180609T083543_20180609T090041_C001		
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CS_OFFL_SIR_GOPM_2_20180609T144829_20180609T144435_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Status Status Flags have been set for one or more records. CS_OFFL_SIR_GOPM_2_20180609T14623_20180609T150628_C001 CS_OFFL_SIR_GOPM_2_20180609T150357_20180609T150628_C001 CS_OFFL_SIR_GOPM_2_20180609T151348_20180609T150628_C001 CS_OFFL_SIR_GOPM_2_20180609T151348_20180609T155004_C001 CS_OFFL_SIR_GOPM_2_20180609T160208_20180609T163407_C001 CS_OFFL_SIR_GOPM_2_20180609T160208_20180609T163407_C001 CS_OFFL_SIR_GOPM_2_20180609T160208_20180609T164536_C001 CS_OFFL_SIR_GOPM_2_20180609T164341_20180609T164536_C001 CS_OFFL_SIR_GOPM_2_20180609T164341_20180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T164341_20180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T164356_C001 CS_OFFL_SIR_GOPM_2_20180609T164356_C001 CS_OFFL_SIR_GOPM_2_20180609T164356_C001 CS_OFFL_SIR_GOPM_2_20180609T164356_C001 CS_OFFL_SIR_GOPM_2_20180609T164356_C001 CS_OFFL_SIR_GOPM_2_20180609T1643656_C001 CS_OFFL_SIR_GOPM_2_20180609T164735_20180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T164735_20180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T166556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T166556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T166556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T166556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T166556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T166556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T166556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T16556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T16556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T165556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T165556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T165556_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T165056_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T165056_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T165056_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T165056_C0180609T165040_C001 CS_OFFL_SIR_GOPM_2_20180609T1650	CS_OFFL_SIR_GOPM_2_20180609T141932_20180609T142236_C001		
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Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	2-2-12-2-1-2-2-1-2-2-2-2-2-2-2-2-2-2-2-	Backscatter Averaging Status	more records.

CS_OFFL_SIR_GOPM_2_20180609T170954_20180609T172043_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_20180609T173736_20180609T173944_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T174229_20180609T175844_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_20180609T181508_20180609T181605_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_20180609T182213_20180609T182455_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T182512_20180609T182940_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T183227_20180609T184627_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_20180609T184807_20180609T185050_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_20180609T192506_20180609T193050_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_20180609T193334_20180609T193619_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_20180609T193623_20180609T195653_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_20180609T200007_20180609T200847_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T201159_20180609T203609_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_20180609T210809_20180609T213550_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_20180609T214222_20180609T214642_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T215059_20180609T222003_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_20180609T224328_20180609T225838_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_20180609T230411_20180609T231426_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_20180609T232135_20180609T232721_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180609T232958_20180609T233504_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_20180609T233852_20180609T234548_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_20180609T065006_20180609T065008_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T071953_20180609T072116_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_20180609T173944_20180609T174229_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_20180609T181605_20180609T182213_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T182941_20180609T183122_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_20180609T191852_20180609T192120_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_20180609T214107_20180609T214222_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180609T214642_20180609T214922_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_20180609T012026_20180609T012311_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_20180609T014453_20180609T014759_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_20180609T064151_20180609T064243_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_20180609T073703_20180609T074227_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_20180609T133030_20180609T133408_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_20180609T145653_20180609T150051_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_20180609T151141_20180609T151348_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_20180609T181441_20180609T181508_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.

6.4 P2P Auxiliary Correction Error Check

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

Number of products with errors:

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180609T091846_20180609T100820_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Range Measurement Check

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

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

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

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

lumber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180608T232324_20180609T001259_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_20180609T001259_20180609T010238_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_20180609T010238_20180609T015212_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T015212_20180609T024151_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_220180609T024151_20180609T033126_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_20180609T033126_20180609T042105_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_220180609T042105_20180609T051039_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_220180609T051039_20180609T060018_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_20180609T060018_20180609T064953_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_220180609T064953_20180609T073932_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T073932_20180609T082906_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_220180609T082906_20180609T091846_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_220180609T091846_20180609T100820_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_220180609T100820_20180609T105759_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_20180609T105759_20180609T114734_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_220180609T114734_20180609T123713_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T123713_20180609T132647_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_220180609T132647_20180609T141626_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T141626_20180609T150601_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T150601_20180609T155540_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T155540_20180609T164514_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T164514_20180609T173453_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T173453_20180609T182428_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_220180609T182428_20180609T191407_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_220180609T191407_20180609T200341_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T200341_20180609T205321_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_220180609T205321_20180609T214255_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_220180609T214255_20180609T223234_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T223234_20180609T232209_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180608T232324_20180609T001259_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_20180609T001259_20180609T010238_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_20180609T010238_20180609T015212_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_20180609T015212_20180609T024151_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_220180609T024151_20180609T033126_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_20180609T033126_20180609T042105_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_20180609T042105_20180609T051039_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_20180609T051039_20180609T060018_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_20180609T060018_20180609T064953_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_20180609T064953_20180609T073932_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_20180609T073932_20180609T082906_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_20180609T082906_20180609T091846_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_20180609T091846_20180609T100820_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_20180609T100820_20180609T105759_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_20180609T105759_20180609T114734_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_20180609T114734_20180609T123713_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_20180609T123713_20180609T132647_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_20180609T132647_20180609T141626_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_20180609T141626_20180609T150601_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_20180609T150601_20180609T155540_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_20180609T155540_20180609T164514_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_20180609T164514_20180609T173453_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_20180609T173453_20180609T182428_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_20180609T182428_20180609T191407_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_20180609T191407_20180609T200341_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_20180609T200341_20180609T205321_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_20180609T205321_20180609T214255_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_20180609T214255_20180609T223234_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_20180609T223234_20180609T232209_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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

Number of products with errors: 26

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180609T001259_20180609T010238_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T010238_20180609T015212_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T015212_20180609T024151_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T024151_20180609T033126_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_2_20180609T033126_20180609T042105_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T042105_20180609T051039_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T051039_20180609T060018_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T060018_20180609T064953_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T064953_20180609T073932_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T073932_20180609T082906_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T082906_20180609T091846_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T091846_20180609T100820_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T100820_20180609T105759_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T105759_20180609T114734_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T123713_20180609T132647_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T132647_20180609T141626_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T141626_20180609T150601_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T150601_20180609T155540_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T155540_20180609T164514_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T164514_20180609T173453_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T173453_20180609T182428_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T182428_20180609T191407_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T191407_20180609T200341_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180609T200341_20180609T205321_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T205321_20180609T214255_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180609T223234_20180609T232209_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.