



## 1. Overview

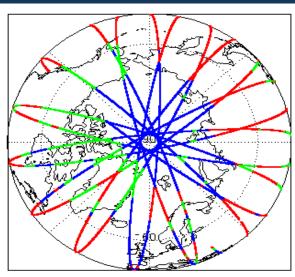
Report Production:	12-Jun-2018		
Processor Used:	CryoSat Ocean Processor		
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data		

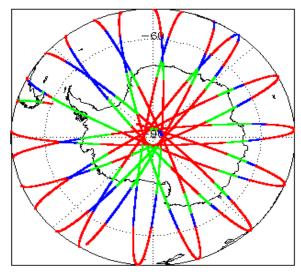
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

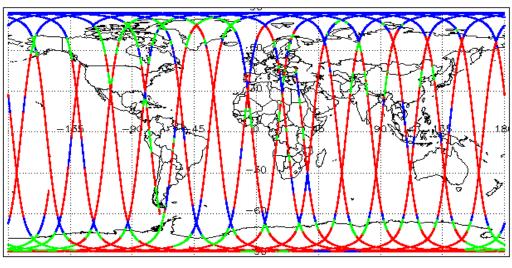
Mission / Instrument News		
08-Jun-2018	None	
09-Jun-2018	None	

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. IOP 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 IOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_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 products over land, but this is to be expected.

Number of products with errors: 17

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180609T165256_20180609T170802_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T023739_20180609T024015_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T055318_20180609T055404_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T055615_20180609T055831_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T065918_20180609T070331_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T104802_20180609T105221_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T150629_20180609T151141_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T155734_20180609T160124_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180609T191547_20180609T191802_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T022851_20180609T023219_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T054928_20180609T055144_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T072947_20180609T073157_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T091526_20180609T092305_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T105221_20180609T110003_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T181028_20180609T181428_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T181441_20180609T181508_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180609T235417_20180609T235701_C001	Loss of Echo	The tracking echo is missing for one or more records

### 5. IOP 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: 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:

#### 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_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_IOPM_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_IOPM_2_20180609T001221_20180609T001746_C001	Ice Range Averaging Status	The loc Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_2_20180609T032639_20180609T033122_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T034223_20180609T041341_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_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_IOPM_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_IOPM_2_20180609T044545_20180609T044702_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T044705_20180609T050258_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_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_IOPM_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_IOPM_2_20180609T051055_20180609T051231_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T052031_20180609T053400_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T053614_20180609T054928_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T055144_20180609T055232_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T061543_20180609T062604_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T062744_20180609T064151_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T064430_20180609T064931_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_2_20180609T114243_20180609T115038_C001	Ice Range Averaging Status	The Local Bases Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T115507_20180609T122756_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more.
CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T131810_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001	Ice Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T135541_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180609T144623_20180609T145652_C001	Ocean Range Averaging Status	records.

CS_OFFL_SIR_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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.

Ice Backscatter Averaging Status Flag: 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 IOPM 2 201806081233225 201806091000501 C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T001221_20180609T001746_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

The part   Par
Decided Privacy State Commission (1999) and the commission of the control of the
Dept. 1981. Comp. 2, 2016.000712122 (2010) 2010 12020, COST   Self-Andrewson Self
CO. OFF., SR. CHM. 2. 20180001010120, 1200000101435, C001  CO. OFF., SR. CHM. 2. 20180001010132, C0010101037, C001  CO. OFF., SR. CHM. 2. 20180001010132, C0010101037, C001  CO. OFF., SR. CHM. 2. 20180001010132, C0010101037, C001  CO. OFF., SR. CHM. 2. 2018000101032, C00100101037, C001  CO. OFF., SR. CHM. 2. 2018000101032, C00100101037, C001  CO. OFF., SR. CHM. 2. 20180001010032, C00100101037, C001  CO. OFF., SR. CHM. 2. 20180001010032, C001000101037, C001  CO. OFF., SR. CHM. 2. 20180001010032, C001000101032, C001  CO. OFF., SR. CHM. 2. 20180001010003, C001000100302, C001000100303, C001000100303, C001000100303, C001000100303, C001000100303, C0010000100303, C001000100303, C0010000100303, C001000100303, C0010000100303, C001000100303, C0010000100303, C001000100303, C0010000100303, C0010000100303, C0010000100303, C0010000100303, C0010000100303, C00100000100303, C00100000100303, C00100000000303, C001000000000303, C0010000000000000000000000000000000000
Langer Service (Service Agent)
Co.PH., SR. (DML) 2 SINKKNOTTO-LOS 2 SIN
See Selection for Persign States. From process.  Gr. G. PET. SEI, DOM 2. 20100090710420. 201000071102012. COID  G. DET. SEI, DOM 2. 20100090710420. 201000071042012. COID  G. DET. SEI, DOM 2. 20100090710420. 20100007104102. COID  G. DET. SEI, DOM 2. 20100090710420. 20100007104000. COID  G. DET. SEI, DOM 2. 20100090710420. 20100007104000. COID  G. DET. SEI, DOM 2. 201000907104200. 20100007104000. COID  G. DET. SEI, DOM 2. 20100090710440. COID  G. DET. SEI, DOM 2. 20100090710440. COID  G. DET. SEI, DOM 2. 20100090710440. 20100007100400. COID  G. DET. SEI, DOM 2. 20100090710440. 201000007100410. COID  G. DET. SEI, DOM 2. 20100090710440. 20100007100400. COID  G. DET. SEI, DOM 2. 20100090710440. 201000071
SS_OFF_SR_OPH_2_DIRECONTROSTED _ DIRECONTROSTED _ CODE   SS_OFF_SR_OPH_2_DIRECONTROSTED _ DIRECONTROSTED _ DIRECONTROSTED _ CODE   SS_OFF_SR_OPH_2_DIRECONTROSTED _ D
CS_OFT_BIT_OPM_2_201000971024759_201010097103132_COTO  SOFT_BIT_OPM_2_20100097103402_20100097103132_COTO  SOFT_BIT_OPM_2_20100097103402_20100097103132_COTO  SOFT_BIT_OPM_2_20100097103402_20100097103132_COTO  SOFT_BIT_OPM_2_20100097103402_20100097103132_COTO  SOFT_BIT_OPM_2_20100097103402_20100097103132_COTO  SOFT_BIT_OPM_2_20100097103402_20100097103102_COTO  SOFT_BIT_OPM_2_20100097103402_20100097103102_COTO  SOFT_BIT_OPM_2_20100097103402_201000097103102_COTO  SOFT_BIT_OPM_2_20100097103402_2010009710302_COTO  SOFT_BIT_OPM_2_20100097103402_2010009710302_COTO  SOFT_BIT_OPM_2_2010009710302_COTO  SOFT_BIT_OPM_2_2010009710302_COTO  SOFT_BIT_OPM_2_2010009710302_COTO  SOFT_BIT_OPM_2_2010009710303_COTO  SOFT_BIT_OPM
Roduction Averaging Status  Cere   Basil (PML 2) 20100060710422 2 51900071410 (2010  CE OFTL, SIR, 10PML 2 20100060710420 2 51900071410 (2010  CE OFTL, SIR, 10PML 2 20100060710420 2 519000710410 (2010  CE OFTL, SIR, 10PML 2 20100060710420 2 519000710410 (2010  CE OFTL, SIR, 10PML 2 20100060710420 2 519000710410 (2010  CE OFTL, SIR, 10PML 2 20100060710410 (2010  CE OFTL SIR, 10PML 2 20100060710410 (2010  CE OFTL SIR
Registry Communication (1997) State Play 1 State Play 1 New York (1997) St
Backscate Averaging Status  Fig. SPFL_SPIL_CPPL_2.201600007104522_20160007044104_C001  S. GFFL_SRI_CPPL_2.20160007104522_20160007044004_C001  S. GFFL_SRI_CPPL_2.20160007104522_20160007050329_C001  SWM Averaging Status Coera  The SWM and Coera Averaging Status Flags have been set for one or none  the SWM Averaging Status Coera  The SWM and Coera Averaging Status Flags have been set for one or none  the SWM averaging Status Coera  The SWM and Coera Averaging Status Flags have been set for one or none  seasonate Averaging Status  SWM Averaging Status Coera  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for one or none  seasonater Averaging Status  The SWM and Coera Averaging Status Flags have been set for on
CS_CFFL_SR_QPH_2_701800007164103_2018000071044104_C011  CS_CFFL_SR_QPH_2_701800007164004_C0184006070044105_C011  CS_CFFL_SR_QPH_2_701800007164004_C018400607005259_C010  CS_CFFL_SR_QPH_2_701800007160004_C018400607005259_C010  CS_CFFL_SR_QPH_2_701800007160004_C018400607005400_C010  CS_CFFL_SR_QPH_2_701800007160004_C018400607005400_C010  CS_CFFL_SR_QPH_2_701800007160004_C018400607005400_C010  CS_CFFL_SR_QPH_2_701800007160004_C018400607005400_C010  CS_CFFL_SR_QPH_2_701800007160004_C018400607005400_C010  CS_CFFL_SR_QPH_2_701800007160004_C018400607005400_C010  CS_CFFL_SR_QPH_2_7018000071600404_C018400607005400_C010  CS_CFFL_SR_QPH_2_7018000071600404_C018400607005400_C010  CS_CFFL_SR_QPH_2_7018000071600404_C018400607005400_C010  CS_CFFL_SR_QPH_2_7018000071600404_C018400607005400_C010  CS_CFFL_SR_QPH_2_7018000071604004_C018400607005400_C01840060700540060
CS_OFFL_SIR_IOPM_2_20166009T044708_20180009T045032_C010  SOFFL_SIR_IOPM_2_20160009T044708_20180009T050328_C010  SOFFL_SIR_IOPM_2_20160009T045032_D0180009T050320_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050320_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050320_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050320_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050320_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050000_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050000_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050000_C010  SOFFL_SIR_IOPM_2_20160009T050331_20180009T050000_C010  SOFFL_SIR_IOPM_2_20160009T0500000_S050000_C010  SOFFL_SIR_IOPM_2_20160009T050000_C010  SOFFL_SIR_IOPM_2_20160009T0500000_S050000_C010  SOFFL_SIR_IOPM_2_20160009T0500000_S050000_C010  SOFFL_SIR_IOPM_2_20160009T0500000_S0500000_C010  SOFFL_SIR_IOPM_2_20160009T0500000_S050000_C010  SOFFL_SIR_IOPM_2_20160009T0500000_S050000_C010  SOFFL_SIR_IOPM_2_20160009T0500000_S050000_C010  SOFFL_SIR_IOPM_2_20160009T0500000000000000000000000000000000
SOURCE AND A CONTROL OF THE CONTROL
Backscaller Averaging Status  Fig. 6F.F., SR. JOPM 2_01800007105203_01800007105204_0000  S. GFI_SR. JOPM 2_01800007105304_01800007105204_0000  S. GFI_SR. JOPM 2_01800007105204_01800007105204_0000  S. GFI_SR. JOPM 2_01800007105204_01800007105204_000  S. GFI_SR. JOPM 2_01800007105204_000007105204_000  S. GFI_SR. JOPM 2_01800007105204_0000007105204_0000007105204_000007105204_000007105204_000007105204_000007105204_0000007105204_0000007105204_000007105204_000007105204_000007105204_0000007105204_0000007105204_0000007105204_0000000000000000000000000000000000
SO FFEL SEL (OPM 2_201800001105103_01100001105408_001)  SO FFEL SEL (OPM 2_20180000105604_201800001105408_001)  SO FFEL SEL (OPM 2_20180000105604_201800001105604_001)  SO FFEL SEL (OPM 2_20180000106043_201800001105604_001)  SO FFEL SEL (OPM 2_20180000106043_201800001106040_001)  SO FFEL SEL (OPM 2_20180000106040_201800001106040_001)  SO FFEL SEL (OPM 2_201800001060403_2018000011060400_001)  SO FFEL SEL (OPM 2_201800001060003_2018000011060400_001)  SO FFEL SEL (OPM 2_201800001060003_2018000011060400_001)  SO FFEL SEL (OPM 2_201800001006003_2018000011060400_001)  SO FFEL SEL (OPM 2_201800001006003_2018000011060001000000000000000000000000
Expert Six (JUMP 2.20180000705314, 201800007054028, 2001  SO FFEL SIX (JOMP 2.201800007051542, 201800007054028, 2001  SO FFEL SIX (JOMP 2.201800007051542, 20180000706404, 2001  SO FFEL SIX (JOMP 2.201800007061542, 20180000706404, 2001  SO FFEL SIX (JOMP 2.201800007064142, 20180000706404, 2001  SO FFEL SIX (JOMP 2.20180000706403, 20180000706401, 2001  SO FFEL SIX (JOMP 2.201800007065000) 20180000706410, 2001  SO FFEL SIX (JOMP 2.201800007065000) 20180000706401, 2001  SO FFEL SIX (JOMP 2.201800007065000) 20180000706000, 2001  SO FFEL SIX (JOMP 2.2018000070650000, 2001  SO FFEL SIX (JOMP 2.201800007065000) 20180000706000, 2001  SO FFEL SIX (JOMP 2.201800007065000) 20180000706000, 2001  S
SVH Averaging Status. Ocean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging Status. Coean Averaging Status Flags have been set for one or more records.  SVH Averaging St
SC OFFL_SIR_JOPM_2_20180609706143_20180609706294_C001  SOFFL_SIR_JOPM_2_20180609706143_20180609706490_C001  SOFFL_SIR_JOPM_2_20180609706432_20180609706490_C001  SOFFL_SIR_JOPM_2_20180609706438_20180609706490_C001  SOFFL_SIR_JOPM_2_201806097064038_20180609706490_C001  SOFFL_SIR_JOPM_2_201806097064038_20180609706490_C001  SOFFL_SIR_JOPM_2_201806097064038_20180609706490_C001  SOFFL_SIR_JOPM_2_201806097064038_20180609706490_C001  SOFFL_SIR_JOPM_2_201806097064038_20180609706490_C001  SOFFL_SIR_JOPM_2_20180609707403_201806097071041_C001  SOFFL_SIR_JOPM_2_20180609707403_201806097071041_C001  SOFFL_SIR_JOPM_2_20180609707403_201806097071041_C001  SOFFL_SIR_JOPM_2_20180609707403_201806097071041_C001  SOFFL_SIR_JOPM_2_20180609707403_201806097071083_C001  SOFFL_SIR_JOPM_2_20180609707403_2018060970709284_C001  SOFFL_SIR_JOPM_2_20180609707803_2018060970709284_C001  SOFFL_SIR_JOPM_2_20180609707803_2018060970709284_C001  SOFFL_SIR_JOPM_2_20180609707803_2018060970709284_C001  SOFFL_SIR_JOPM_2_20180609708284_201806097082804_C001  SOFFL_SIR_JOPM_2_20180609708284_201806097102803_C001  SOFFL_SIR_JOPM_2_201806097108284_201806097102803_C001  SOFFL_SIR_JOPM_2_201806097108284_201806097102803_C001  SOFFL_SIR_JOPM_2_201806097108284_201806097102803_C001  SOFFL_SIR_JOPM_2_201806097108384_201806097102803_C001  SOFFL_SIR_JOPM_2_201806097108384_201806097102803_C001  SOFFL_SIR_JOPM_2_201806097108384_201806097102803_C001  SOFFL_SIR_JOPM_2_201806097108384_201806097102804_C001  SOFFL_SIR_JOPM_2_20180609710384_201806097102804_C001  SOFFL_SIR_JOPM_2_20180609710384_201806097102804_C001  SOFFL_SIR_JOPM_2_20180609710384_201806097102804_C001  SOFFL_SIR_JOPM_2_20180609710384_201806097112804_C001  SOFFL_SIR_JOPM_2_20180609710384_20180609710384_C001  SOFFL_SIR_JOPM_2_20180609710384_20180609710384_C001  SOFFL_SIR_JOPM_2_20180609710384_20180609710384_C001  SOFFL_SIR_JOPM_2_20180609710384_20180609710384_C001  SOFFL_SIR_JOPM_2_20180609710384_20180609711384_C001  SOFFL_SIR_JOPM_2_20180609710384_20180609711384_C001  SOFFL_SIR_JOPM_2_20180609710384_2018060971397
Southerstand Averaging Status  Selection Averaging Status  Selection Averaging Status  SMH Averaging Status  SMH Averaging Status  SMH Averaging Status  SMH Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Social Averaging Status  The SWH averaging Status  The SWH averaging Status  The SWH averaging Status  The SWH averaging Status  SWH Avera
GS_OFFL_SIR_JOPM_2_2018000971064393_201800097064391_C001  GS_OFFL_SIR_JOPM_2_201800097064393_201800097064391_C001  GS_OFFL_SIR_JOPM_2_201800097064393_201800097064391_C001  GS_OFFL_SIR_JOPM_2_201800097064393_201800097064391_C001  GS_OFFL_SIR_JOPM_2_201800097063093_201800097064391_C001  GS_OFFL_SIR_JOPM_2_201800097070531_20180009707093_C001  GS_OFFL_SIR_JOPM_2_201800097070547_2018000970850700070_C001  GS_OFFL_SIR_JOPM_2_2018000970705347_20180009708097_C001  GS_OFFL_SIR_JOPM_2_2018000970705340_201800097080970_C001  GS_OFFL_SIR_JOPM_2_2018000970705340_20180009708097_C001  GS_OFFL_SIR_JOPM_2_2018000970705340_20180009708097_C001  GS_OFFL_SIR_JOPM_2_2018000970705340_20180009708097_C001  GS_OFFL_SIR_JOPM_2_201800097105340_201800097100007_C001  GS_OFFL_SIR_JOPM_2_201800097100034_201800097100007_C001  GS_OFFL_SIR_JOPM_2_201800097100034_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_2018000971000007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_201800097100007_C001  GS_OFFL_SIR_JOPM_2_20180009710008_20180009710134C001  GS_OFFL_SIR_JOPM_2_20180009710344_20180009711345_C001  GS_OFFL_SIR_JOPM_2_20180009711344_20180009711345_C001  GS_OFFL_SIR_JOPM_2_201800097113442_201800097113750_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113750_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113750_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113750_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113750_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113750_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113050_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113050_C001  GS_OFFL_SIR_JOPM_2_201800097113043_201800097113050_C001  GS
Backscatter Averaging Status  Spire Sirk JOPM 2_20180000706430_20180000706491_C001  Ice Backscatter Averaging Status  CS_OFFL_Sirk_JOPM 2_201800007060000_20180000706510_C001  CS_OFFL_Sirk_JOPM 2_201800007060000_20180000706510_C001  CS_OFFL_Sirk_JOPM 2_201800007060000_20180000706510_C001  CS_OFFL_Sirk_JOPM 2_201800007070331_201800007071041_C001  SWH Averaging Status  SWH Averaging Status  CS_OFFL_Sirk_JOPM 2_201800007070332_20180000707030_C001  CS_OFFL_Sirk_JOPM 2_20180000707037_20180000708200_C001  CS_OFFL_Sirk_JOPM 2_20180000708200_20180000708200_C001  CS_OFFL_Sirk_JOPM 2_201800007100300_201800007000007_C001  CS_OFFL_Sirk_JOPM 2_201800007100300_2018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007100300_2018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007100300_2018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007100000071000007_C001  CS_OFFL_Sirk_JOPM 2_2018000071000007_C001  CS_OFFL_Sirk_JOPM 2_2018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007103141_2018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007103142_018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007103142_018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007103142_018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007103142_018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007103142_018000071000007_C001  CS_OFFL_Sirk_JOPM 2_201800007113200_C001  CS_OFFL_Sirk_JOPM 2_201800007113200_C001  CS_OFFL_Sirk_JOPM 2_201800007113200007113200_C001  CS_OFFL_Sirk_JOPM 2_201800007113200_C001  CS_OFFL_Sirk_JOPM 2_201800007113200007113200_C001  CS_OFFL_Sirk_JOPM 2_201800007113200007113200_C001  CS_OFFL_Sirk_JOPM 2_201800007113200_C0
CS_OFFL_SIR_IOPM_2_20180809T09338_20180809T09311_C001  CS_OFFL_SIR_IOPM_2_20180809T0705009_20180809T070510_C001  CS_OFFL_SIR_IOPM_2_20180809T0705009_20180809T071051_C001  CS_OFFL_SIR_IOPM_2_20180809T0705009_20180809T071052_C001  SWH Averaging Status Ocean Individual Control of Swh Averaging Status Flag have been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180809T07353_20180809T071053_C001  CS_OFFL_SIR_IOPM_2_20180809T078547_20180809T082021_C001  CS_OFFL_SIR_IOPM_2_20180809T078547_20180809T082021_C001  CS_OFFL_SIR_IOPM_2_20180809T082501_20180809T082047_C001  CS_OFFL_SIR_IOPM_2_20180809T082501_20180809T082047_C001  CS_OFFL_SIR_IOPM_2_20180809T082501_20180809T082047_C001  CS_OFFL_SIR_IOPM_2_20180809T082501_20180809T082501_C001  CS_OFFL_SIR_IOPM_2_20180809T082501_20180809T082001_C001  CS_OFFL_SIR_IOPM_2_20180809T082501_20180809T082001_C001  CS_OFFL_SIR_IOPM_2_20180809T082501_20180809T082001_C001  CS_OFFL_SIR_IOPM_2_20180809T100243_20180809T100001_C001  CS_OFFL_SIR_IOPM_2_20180809T100243_20180809T100001_C001  CS_OFFL_SIR_IOPM_2_20180809T100243_20180809T100001_C001  CS_OFFL_SIR_IOPM_2_20180809T101515_20180809T103001_C001  CS_OFFL_SIR_IOPM_2_20180809T101515_20180809T103001_C001  CS_OFFL_SIR_IOPM_2_20180809T101515_20180809T1030001_C001  CS_OFFL_SIR_IOPM_2_20180809T101515_20180809T1030001_C001  CS_OFFL_SIR_IOPM_2_20180809T10314_20180809T1030001  CS_OFFL_SIR_IOPM_2_20180809T10314_20180809T103152_C001  CS_OFFL_SIR_IOPM_2_20180809T10314_20180809T10315_C001  CS_OFFL_SIR_IOPM_2_20180809T10314_20180809T10315_C001  CS_OFFL_SIR_IOPM_2_20180809T10314_20180809T10315_C001  CS_OFFL_SIR_IOPM_2_20180809T10315_20180809T10315_C001  CS_OFFL_SIR_IOPM_2_20180809T10315_20180809T10315_C001  CS_OFFL_SIR_IOPM_2_20180809T103434_20180809T10342_C001  CS_OFFL_SIR_IOPM_2_20180809T103434_20180809T10342_C001  CS_OFFL_SIR_IOPM_2_20180809T103434_20180809T10342_C001  CS_OFFL_SIR_IOPM_2_20180809T103434_20180809T10342_C001  CS_OFFL_SIR_IOPM_2_20180809T103434_20180809T10342_C001  CS_OFFL_SIR_IOPM_2_20180809T103434_20180809T10342_C001  CS_OFFL_SIR_I
CS_OFFL_SIR_IOPM_2_20180009T064938_20180009T06410_CO01  CS_OFFL_SIR_IOPM_2_20180009T07331_20180009T071041_CO01  SWH Averaging Status, Ocean Backscatter Averaging Status, Cocan Backscatter Averaging Status, Coca
CS_OFFL_SIR_IOPM_2_20180609T09331_20180609T01941_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T07931_20180609T07983_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T07882_F001  CS_OFFL_SIR_IOPM_2_20180609T0788247_20180609T082021_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T082854_20180609T08203_C001  CS_OFFL_SIR_IOPM_2_20180609T082854_20180609T082041_C001  CS_OFFL_SIR_IOPM_2_20180609T082854_20180609T080041_C001  CS_OFFL_SIR_IOPM_2_20180609T082854_20180609T080041_C001  CS_OFFL_SIR_IOPM_2_20180609T082854_20180609T080041_C001  CS_OFFL_SIR_IOPM_2_20180609T10243_20180609T10007_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100243_20180609T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100041_201806007T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100041_201806007T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100041_201806009T100007_C001  CS_OFFL_SIR_IOPM_2_20180609T100007_C001  C
CS_OFFL_SIR_IOPM_2_20180009170531_20180009707041_C001  SWH Averaging Status, Ocean Backscatter Averaging Status, Coean Backscatter Averaging Status Status Flag has been set for one or more records.  SOFFL_SIR_IOPM_2_201800097082591_201800097082092_C001  CS_OFFL_SIR_IOPM_2_20180009708254_201800097082092_C001  CS_OFFL_SIR_IOPM_2_20180009708254_201800097090041_C001  SWH Averaging Status, Coean Backscatter Averaging Status, Co
Backscatter Averaging Status.  SWH Averaging Status, Coean Backscatter Averaging Status.  SWH Averaging Status, Coean Backscatter Averaging Status.  SWH Averaging Status.  SWH Averaging Status Coean Backscatter Averaging Status.  SWH Averaging Status.  SWH Averaging Status.  SWH Averaging Status.  SWH Averaging Status Status.  SWH Averaging S
Backscatter Averaging Status Flags have been set for one or more records.  SWH Averaging Status. Cocan Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more records.  Backscatter Averaging Status Flags have been set for one or more rec
Synth Averaging Status
CS_OFFL_SIR_IOPM_2_201806097082501_201806097108293_C001  CS_OFFL_SIR_IOPM_2_201806097082503_C001  CS_OFFL_SIR_IOPM_2_201806097083543_2018060971090041_C001  BSWH Averaging Status. Coean Backscatter Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_201806097100243_201806097100007_C001  CS_OFFL_SIR_IOPM_2_201806097100243_201806097100007_C001  CS_OFFL_SIR_IOPM_2_201806097100243_201806097100007_C001  CS_OFFL_SIR_IOPM_2_201806097100243_201806097100001_C001  CS_OFFL_SIR_IOPM_2_201806097100808_20180609710010124_C001  CS_OFFL_SIR_IOPM_2_201806097101515_201806097100260_C001  CS_OFFL_SIR_IOPM_2_201806097101514_20180609710260_C001  CS_OFFL_SIR_IOPM_2_2018060971103141_20180609710260_C001  CS_OFFL_SIR_IOPM_2_2018060971103141_20180609710260_C001  CS_OFFL_SIR_IOPM_2_2018060971103141_20180609710260_C001  CS_OFFL_SIR_IOPM_2_201806097111252_2018060971103141_C001  CS_OFFL_SIR_IOPM_2_201806097111252_018060971103141_C001  CS_OFFL_SIR_IOPM_2_201806097111252_018060971105157_C001  CS_OFFL_SIR_IOPM_2_201806097111252_01806097110508_C001  CS_OFFL_SIR_IOPM_2_201806097111252_01806097110508_C001  CS_OFFL_SIR_IOPM_2_201806097111252_01806097110508_C001  CS_OFFL_SIR_IOPM_2_201806097111252_018060971100508_C001  CS_OFFL_SIR_IOPM_2_201806097111252_018060971100508_C001  CS_OFFL_SIR_IOPM_2_201806097111252_018060971100508_C001  CS_OFFL_SIR_IOPM_2_2018060971100508_C001  CS_OFFL_SIR_IOPM_2_201806097110050
to Backscatter Averaging Status  SWH Averaging Status  Ine loc Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The Ine Backscatter Averaging Status  Ine loc Backscatter Averaging Status  Ine SWH and Ocean Averaging Status Ine Backscatter Averaging Status  Ine SWH and Ocean Averaging Status Ine Backscatter Averaging Status  Ine SWH and Ocean Averaging Status Ine Backscatter Averaging Status  Ine SWH and Ocean Averaging Status Ine Ine Backscatter Averaging Status  Ine SWH and Ocean Averaging Status Ine Ine Backscatter Averaging Status  Ine SWH and Ocean Averaging Status Ine Ine Backscatter Averaging Status  Ine Backscatter Averaging Stat
SWH Averaging Status. Cean Backscatter Averaging Status Flags have been set for one or
GS_OFFL_SIR_IOPM_2_20180697109340_20180697100007_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180697100243_201806097100801_C001  CS_OFFL_SIR_IOPM_2_20180697100808_201806097101134_C001  CS_OFFL_SIR_IOPM_2_20180697100808_201806097101134_C001  CS_OFFL_SIR_IOPM_2_20180697101515_201806997102602_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180697101515_201806997104801_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180697101515_201806997104801_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180697111252_201806997112577_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_201806997112521_201806997113945_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_201806997114243_201806997113945_C001  CS_OFFL_SIR_IOPM_2_201806997114243_201806997115038_C001  CS_OFFL_SIR_IOPM_2_201806997115037_201806997115038_C001  CS_OFFL_SIR_IOPM_2_20180699713540_20180699713540_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180699713434_201806997115038_C001  CS_OFFL_SIR_IOPM_2_20180699713434_20180699713727_C001  CS_OFFL_SIR_IOPM_2_201806997135408_20180699713727_C001  CS_OFFL_SIR_IOPM_2_20180699713408_20180699713727_C001  CS_OFFL_SIR_IOPM_2_20180699713408_20180699713727_C001  CS_OFFL_SIR_IOPM_2_20180699713408_20180699713541_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180699713680_20180699713727_C001  CS_OFFL_SIR_IOPM_2_20180699713680_20180699713727_C001  CS_OFFL_SIR_IOPM_2_20180699713680_20180699713727_C001  CS_OFFL_SIR_IOPM_2_20180699713680_20180699713680_20180699713727_C001  CS_OFFL_SIR_IOPM_2_20180699713680_20180699713696_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180699713680_20180699713696_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180699713696_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180699713696_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180699
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_201806097100243_201806097100801_C001  CS_OFFL_SIR_IOPM_2_201806097100808_20180609710134_C001  CS_OFFL_SIR_IOPM_2_201806097101515_201806097102602_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_201806097103141_201806097102602_C001  SWH Averaging Status  SWH Averaging Status  The Loe Backscatter Averaging Status Flag has been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_201806097113434_201806097113924_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_2018060971150507_2018060971150507_C018060971150507_C018060971122766_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_201806097113507_20180609713277_C001  CS_OFFL_SIR_IOPM_2_201806097132215_201806097135511_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  The CB 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.  SWH Averaging Status, Ocean Backscatter Averaging Status  The CB Backscatter Averaging Status Flags have
cs_offl_sir_lopm_2_20180609T100808_20180609T101134_C001
CS_OFFL_SIR_IOPM_2_20180609T101515_20180609T102602_C001  SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180609T103141_20180609T104801_C001  SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180609T103141_20180609T104801_C001  SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180609T111252_20180609T112517_C001  SWH Averaging Status SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_IOPM_2_20180609T112521_20180609T113045_C001  SWH Averaging Status SWH Averaging Stat
SWH Averaging Status, Ocean Backscatter Averaging Status Geore or more records.  SWH Averaging Status Geore or more records.  SWH Averaging Status Geore or more records.  SWH Averaging Status Geore 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 Ocean Averaging Status Flags have be
CS_OFFL_SIR_IOPM_2_20180609T103141_20180609T104801_C001  SWH 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 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 Incheticutes where a properties of the status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Avera
Backscatter Averaging Status  SWH Averaging Status  SWH Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T11252_20180609T112517_C001  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T113434_20180609T113924_C001  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 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
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T112521_20180609T113045_C001  CS_OFFL_SIR_IOPM_2_20180609T113434_20180609T113924_C001  CS_OFFL_SIR_IOPM_2_20180609T113434_20180609T113924_C001  CS_OFFL_SIR_IOPM_2_20180609T114243_20180609T115038_C001  CS_OFFL_SIR_IOPM_2_20180609T11550T_20180609T115038_C001  CS_OFFL_SIR_IOPM_2_20180609T1350T_20180609T122756_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T13810_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T13810_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T13810_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T13272T_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T13272T_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T135541_C001  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T144856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T1448682_20180609T1444435_C001  CS_OFFL_SIR_IOPM_2_20180609T1448682_20180609T1444652_20180609T1444652_20180609T1444652_20180609T1446682
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T113434_20180609T113924_C001  CS_OFFL_SIR_IOPM_2_20180609T114243_20180609T115038_C001  CS_OFFL_SIR_IOPM_2_20180609T115507_20180609T122756_C001  CS_OFFL_SIR_IOPM_2_20180609T135507_20180609T122756_C001  CS_OFFL_SIR_IOPM_2_20180609T135513_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T1323408_20180609T135541_C001  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T14932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T14932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T148829_20180609T1448552_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T14932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T14932_20180609T144236_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144236_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  SWH Averaging Status, Ocean Backscatter 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 SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more
CS_OFFL_SIR_IOPM_2_20180609T113434_20180609T113924_C001  CS_OFFL_SIR_IOPM_2_20180609T114243_20180609T115038_C001  CS_OFFL_SIR_IOPM_2_20180609T115507_20180609T122756_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T132772_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T132772_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T132772_C001  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T132772_C001  CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T135541_C001  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  CS_OFFL_SIR_IOPM_3_20180609T144683_20180609T144435_C001  CS_OFFL_SIR_IOPM_3_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T144683_20180609T146683_20180609T144683_20180609T144683_20180609T144683_20180609T146683_20180609T146683_20180609T146683_20180609T146683_20180609T146683_20180609T146683_20180609T146683_20180609T146683_20180609
CS_OFFL_SIR_IOPM_2_20180609T114243_20180609T115038_C001  CS_OFFL_SIR_IOPM_2_20180609T11507_20180609T122756_C001  CS_OFFL_SIR_IOPM_2_20180609T13507_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T135541_C001  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T1424435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144623_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144623_20180609T144435_C
CS_OFFL_SIR_IOPM_2_20180609T13507_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T13507_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T135541_C001  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144623_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144623_20180609T144435_C0
Backscatter Averaging Status  CS_OFFL_SIR_IOPM_2_20180609T130513_20180609T131810_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T135541_C001  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T141832_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T132215_20180609T132727_C001  CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T135541_C001  CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T14236_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T14236_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144823_20180609T144435_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Status  SWH Averaging Status, Ocean Backscatter Averaging Status  SWH Averaging Status, Ocean Backscatter Averaging Status  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T144655_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T14465_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T14465_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T14465_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T14465_C001  CS_OFFL_SIR_IOPM_3_20180609T144623_20180609T14465_C001  CS_OFFL_SIR_IOPM_3_20180609T14465_C001  CS_OFFL_SIR_IO
CS_OFFL_SIR_IOPM_2_20180609T133408_20180609T135541_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Statu
CS_OFFL_SIR_IOPM_2_20180609T135826_20180609T140856_C001  CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Status, Ocean Backscatter Averaging Status S
CS_OFFL_SIR_IOPM_2_20180609T141932_20180609T142236_C001  CS_OFFL_SIR_IOPM_2_20180609T143829_20180609T144435_C001  CS_OFFL_SIR_IOPM_2_20180609T144829_20180609T144435_C001  SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.  The SWH and Ocean Averaging Status Flags have been set for one or more records.
Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_20180609T144832_20180609T144435_C001  Backscatter Averaging Status, Ocean Backscatter Averaging Status wore records.  SWH Averaging Status ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status ocean Averaging Status Flags have been set for one or more records.  SWH Averaging Status ocean Averaging Status Flags have been set for one or more records.
Backscatter Averaging Status more records.  CS_OFFL_SIR_IOPM_2_201806091143829_201806091144435_C001  Backscatter Averaging Status more records.  SWH Averaging Status, Ocean  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOFM_2_201800091144023_201800091145052_C0011 Backscatter Averaging Status more records.
CS_OFFL_SIR_IOPM_2_20180609T150357_20180609T150628_C001
CS_OFFL_SIR_IOPM_2_20180609T151348_20180609T155004_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status Infore records.  SWH Averaging Status Oncean The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.
CS_OEEL_SID_LODM_2_201906007164241_201906007164526_C001
CS_OFFL_SIR_IOPM_Z_201606091164341_201606091164356_C001
CS_OFFL_SIR_IOPM_2_201606091164341_201606091164356_0001   Ice Backscatter Averaging Status   Ice Backscatter   Ice Backscatter Averaging Status   Ice Backsc

CS_OFFL_SIR_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPM_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPN_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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_IOPR_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. IOP 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_IOP_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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_2_20180608T232324_20180609T001259_C002	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_IOP_220180609T001259_20180609T010238_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T010238_20180609T015212_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T015212_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_IOP_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_IOP_220180609T033126_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_IOP_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_IOP_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_IOP_220180609T060018_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_IOP_220180609T064953_20180609T073932_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_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_IOP_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_IOP_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_IOP_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_IOP_220180609T105759_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_IOP_220180609T114734_20180609T123713_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_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_IOP_220180609T132647_20180609T141626_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T141626_20180609T150601_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T150601_20180609T155540_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T155540_20180609T164514_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T164514_20180609T173453_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_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_IOP_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_IOP_220180609T191407_20180609T200341_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_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_IOP_2_20180609T205321_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_IOP_220180609T214255_20180609T223234_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_IOP_2_20180609T223234_20180609T232209_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T232209_20180610T001148_C003	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_IOP_220180608T232324_20180609T001259_C002	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_IOP_220180609T001259_20180609T010238_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_IOP_220180609T010238_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_IOP_220180609T015212_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_IOP_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_IOP_220180609T033126_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_IOP_220180609T042105_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_IOP_220180609T051039_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_IOP_220180609T060018_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_IOP_220180609T064953_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_IOP_220180609T073932_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_IOP_220180609T082906_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_IOP_220180609T091846_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_IOP_220180609T100820_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_IOP_220180609T105759_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_IOP_220180609T114734_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_IOP_220180609T123713_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_IOP_220180609T132647_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_IOP_220180609T141626_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_IOP_220180609T150601_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_IOP_220180609T155540_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_IOP_220180609T164514_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_IOP_220180609T173453_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_IOP_220180609T182428_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_IOP_220180609T191407_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_IOP_220180609T200341_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_IOP_220180609T205321_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_IOP_220180609T214255_20180609T223234_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_IOP_220180609T223234_20180609T232209_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_IOP_220180609T232209_20180610T001148_C003	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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180609T001259_20180609T010238_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T010238_20180609T015212_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

	1	
CS_OFFL_SIR_IOP_220180609T015212_20180609T024151_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T024151_20180609T033126_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T033126_20180609T042105_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T042105_20180609T051039_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T051039_20180609T060018_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T060018_20180609T064953_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T064953_20180609T073932_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T073932_20180609T082906_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T082906_20180609T091846_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T091846_20180609T100820_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T100820_20180609T105759_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T105759_20180609T114734_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T123713_20180609T132647_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T132647_20180609T141626_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T141626_20180609T150601_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T150601_20180609T155540_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T155540_20180609T164514_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T164514_20180609T173453_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T173453_20180609T182428_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T182428_20180609T191407_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T191407_20180609T200341_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T200341_20180609T205321_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T205321_20180609T214255_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T214255_20180609T223234_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T223234_20180609T232209_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180609T232209_20180610T001148_C003	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
	•	•