



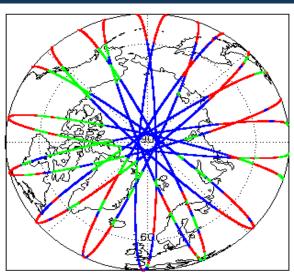
1. Overview

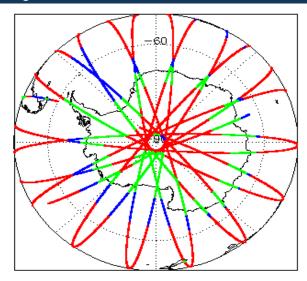
Report Production:	03-May-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

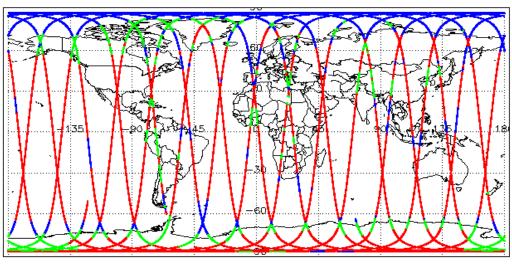
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

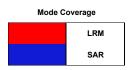
Mission / Instrument News		
30-Apr-2018	None	
01-May-2018	None	
02-May-2018	Nothing planned	

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:

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:

20

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180501T084510_20180501T084657_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180501T085823_20180501T090527_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180501T133105_20180501T140521_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180501T165542_20180501T172258_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180501T184928_20180501T185838_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180501T211041_20180501T211537_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180501T010542_20180501T011010_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180501T022413_20180501T022606_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180501T055516_20180501T055627_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180501T073311_20180501T073541_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180501T090954_20180501T091422_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180501T142930_20180501T142949_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180501T195353_20180501T195937_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180501T005525_20180501T010542_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180501T022339_20180501T022413_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180501T040555_20180501T040900_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180501T065145_20180501T065826_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180501T122936_20180501T123715_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180501T154720_20180501T155431_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180501T232621_20180501T232718_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:

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:

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). 0

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:

5.6 L2 Range Measurement Check

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

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

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

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

Comp. Bits Comp. 2 and 6004 2 and 6004 1004 0 and 6004 1004 0 and 6004 1004 0 and 6004 1004 1004 1004 1004 1004 1004 1004	Product	Test Failed	Description
Compliance (1974) and 1974 2 20100001110100 20100011101000 20100011010100 20100011010100 20100011010100 20100011010100 20100011101000 201000110101010	CS_OFFL_SIR_IOPM_2_20180430T235300_20180501T000410_C001	Ocean Range Averaging Status	
Dec	CS_OFFL_SIR_IOPM_2_20180501T001024_20180501T001455_C001	Ice Range Averaging Status	
Complete	CS_OFFL_SIR_IOPM_2_20180501T001800_20180501T004630_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
In the Colony American State State A colony of the Colony American State State A colony of the Colony American State A col	CS_OFFL_SIR_IOPM_2_20180501T011010_20180501T014321_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co., OFF., SPI, 1094.2, 201000117010142, 201000117010142, 201000117010142, 201	CS OFFL SIR IOPM 2 20180501T014934 20180501T015508 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
COUNTLINE COUNTL			The Ocean Range Averaging Status Flag has been set for one or more
COUNT_EN_COMU201800077000007_201800077000007_2018000077000000000000000000000000000000			The Ocean Range Averaging Status Flag has been set for one or more
DO, OFF, BRI, OFF, 2, 26188817183830, 20180017003810, COD COD, OFF, BRI, OFF, 2, 26188817183800, 20180017003810, COD COD, OFF, BRI, OFF, 2, 26188817183800, 20180017003810, COD COD, OFF, BRI, OFF, 2, 26188817183810, 20180017003810, COD COD, OFF, BRI, OFF, 2, 26188817183813, 2018018017003810, COD COD, OFF, BRI, OFF, 2, 26188817183813, 201801801700381, COD COD, OFF, BRI, OFF, 2, 26188817183813, 2018017003810, COD COD, OFF, BRI, OFF, 2, 26188817183810, 201801700381, COD COD, OFF, BRI, OFF, 2, 26188817183810, 2018017003810, COD COD, OFF, BRI, OFF, 2, 26188817183810, 20180103700381, COD COD, OFF, BRI, OFF, 2, 26188817183810, 2018017003810, COD COD, OFF, BRI,			
Co. CHEL SIRI, DOM. 2. 201800011030002, 2018000110300003. CERT CO. CHEL SIRI, DOM. 2. 201800011030003. CERT CO. CHEL SIRI, DOM. 2. 201800011030003. CERT CO. CHEL SIRI, DOM. 2. 2018000110300302, 2018000110310031. CERT CO. CHEL SIRI, DOM. 2. 2018000110300302, 2018000110310031. CERT CO. CHEL SIRI, DOM. 2. 2018000110300302, 201800011031031. CERT CO. CHEL SIRI, DOM. 2. 2018000110300302, 201800011030031, CERT CO. CHEL SIRI, DOM. 2. 201800011030032, CERT CO. CHEL SIRI, DOM. 2. 201800011103003, CERT CO. CHEL SIRI, DOM. 2. 201800011103003, CERT CO. CHEL SIRI			
Cop. Pers. Set. John 2, 20100011100002, 20100011100005, 2010 Cop. Pers. Set. John 2, 20100011100002, 20100011100005, 2011 Cop. Pers. Set. John 2, 20100011100002, 20100011100001, 2011 Cop. Pers. Set. John 2, 20100011100001, 2010 Cop. Pers. Set. John 2, 201000111100001, 2010 Cop. Pers. Set. John 2, 201000111100001, 2010 Cop. Pers. Set. John 2, 201000111100001, 2010 Cop. Pers.			
Company Company 2, 2018-2017-1056-2019-2017-2018-2018-2017-2018-2018-2017-2018-2018-2017-2018-2018-2018-2018-2018-2018-2018-2018			
G. CHEL, SEL (LOME 2, 20182011105402, 20182011105405, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105405, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105405, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105405, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD Rarge Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD RARGE Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 2018201105402, CORD CORD RARGE Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD RARGE Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD RARGE Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD RARGE Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD RARGE Averaging State. CO. CHEL, SEL (LOME 2, 20182011105402, 20182011105402, CORD CORD RARGE Averaging State. CO. CHEL, SEL (LOME 2, 201820111105402, 20182011105402, CORD CORD RARGE Averaging State.			
in variable variable plants of the Course Farge Averaging States Flag has been set for one or more Part Course Farge Averaging States Flag has been set for one or more Part Course Farge Averaging States Flag has been set for one or more Part Course Farge Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Averaging States Flag has been set for one or more Part Course Flag Flag Flag Flag Flag Flag Flag Flag			records.
Count Fatigue Averaging States Count Fatigue (Polit 2_201880111005002_201880011005002_2018 Count Fatigue Averaging States C		Ice Range Averaging Status	records.
South Frank (John 2, 201800511700502), 2018005117005012, COD1 Cas. GPFL_SRL_OPM2_2018005117005020, 2018005117005012, COD1 Cas. Rarge Averaging Status Cas. GPFL_SRL_OPM2_2018005117005025, 2018005117005012, COD1 Cas. GPFL_SRL_OPM2_2018005117005025, 201800517005013, COD1 Cas. GPFL_SRL_OPM2_2018005117005025, 201800517005003, COD1 Cas. GPFL_SRL_OPM2_2018005117005025, 201800517005003, COD1 Cas. GPFL_SRL_OPM2_2018005117005025, 201800517005003, COD1 Cas. GPFL_SRL_OPM2_201800517005012, 201800517005013, COD1 Cas. GPFL_SRL_OPM2_2018005171005012, 201800517005012, COD1 Cas. GPFL_SRL_OPM2_2018005171005012, 20	CS_OFFL_SIR_IOPM_2_20180501T051527_20180501T054351_C001	Ocean Range Averaging Status	records.
SCOPPL_SEQ_COMPL_Z_2018000111000002_0180001100002_01000000_000000_0000000000	CS_OFFL_SIR_IOPM_2_20180501T054406_20180501T055109_C001	Ocean Range Averaging Status	records.
Sc. OFFL, SIR, JOPAL 2, 20160011108202, 2016001109202 (2016) CS. OFFL, SIR, JOPAL 2, 2016001109202 (2016001109202) (2016001109	CS_OFFL_SIR_IOPM_2_20180501T055250_20180501T055515_C001	Ice Range Averaging Status	records.
See FFIL SER JOPH 2_20180011104219_20180011104459_2010 See FFIL SER JOPH 2_2018001104479_2018001104459_2010 See FFIL SER JOPH 2_2018001104479_2018001104459_2010 See FFIL SER JOPH 2_2018001104459_2010010110459_2010 See FFIL SER JOPH 2_2018001104599_20100104599_2010 See FFIL SER JOPH 2_2018001104599_201002495_2010 See FFIL SER JOPH 2_2018001104599_201000249_201000211000399_2010000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180501T060909_20180501T061002_C001	Ocean Range Averaging Status	records.
Communication of the Communica	CS_OFFL_SIR_IOPM_2_20180501T061029_20180501T061811_C001	Ocean Range Averaging Status	records.
SO FFTL SR (JOPM 2_20180001100322_20180001100323_20180001100333_2018000110033_20180001100333_20180001100333_20180001100333_20180001100333_201	CS_OFFL_SIR_IOPM_2_20180501T062253_20180501T064024_C001	Ocean Range Averaging Status	records.
Coen Range Averaging Status Fig. Sizu (PFM_2 20160501707324_20160501707324_20160501707329_C001 Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501707324_20160501708293_C001 Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501707324_20160501708293_C001 Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501708293_C0080501708293_C001 Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501708291_Q0160501708285_C001 Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501708291_Q0160501708285_C001 Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501708291_Q0160501708285_C001 Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501708291_Q0160501708285_C001 Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501708291_Q0160501708285_C001 Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_JOPM_2_20160501708291_Q0160501708285_C001 Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPM_2_20180501T064216_20180501T064735_C001	Ice Range Averaging Status	records.
Coen Range Averaging Status Fig. (ppm. 2_20180501707294_201805017072919_C001 Ocen Range Averaging Status Fig. (ppm. 2_20180501707294_201805017082917_C001) Ocen Range Averaging Status Fig. (ppm. 2_20180501708291_201805017082917_C001) Ocen Range Averaging Status Fig. (ppm. 2_20180501708291_20180501708291_C001) Ocen Range Averaging Status Fig. (ppm. 2_20180501708291_201805017108291_C001) Ocen Range Averaging Status Fig. (ppm. 2_20180501708291_201805017108291_C001) Ocen Range Averaging Status Fig. (ppm. 2_201805017108291_C001) Ocen Range Averaging Status Fig. (ppm. 2_201805017108291_C001) Ocen Range Averaging Status Fig. (ppm. 2_201805017108291_C001) Ocen Range Averaging Status Fig. (ppm. 2_2018050171118391_C001) Ocen Range Averaging Status Fig. (ppm. 2_20180501711	CS_OFFL_SIR_IOPM_2_20180501T065826_20180501T071109_C001	Ocean Range Averaging Status	
Coen Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_201800011080482_201800011080332_CO01 CS_OFFL_SIR_IOPM_2_201800011080482_201800011080332_CO01 CS_OFFL_SIR_IOPM_2_201800011080482_201800011082703_CO01 CS_OFFL_SIR_IOPM_2_201800011080017082652_201800011082703_CO01 CS_OFFL_SIR_IOPM_2_201800011082652_201800011082703_CO01 CS_OFFL_SIR_IOPM_2_201800011082710_20180001108282_CO01 CS_OFFL_SIR_IOPM_2_201800011082652_201800011082703_CO01 CS_OFFL_SIR_IOPM_2_201800011082703_C001 CS_OFFL_SIR_IOPM_2_201800011082703_C001 CS_OFFL_SIR_IOPM_2_20180001108253_201800011088703_CO01 CS_OFFL_SIR_IOPM_2_20180001108253_201800011088700_CO01 CS_OFFL_SIR_IOPM_2_20180001108253_201800011088200_CO01 CS_OFFL_SIR_IOPM_2_201800011082747_20180001108002_CO01 CS_OFFL_SIR_IOPM_2_201800011093747_20180001108002_CO01 CS_OFFL_SIR_IOPM_2_201800011093747_20180001108002_CO01 CS_OFFL_SIR_IOPM_2_201800011093747_20180001108002_CO01 CS_OFFL_SIR_IOPM_2_201800011014_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_2018000111014_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_2018000111014203_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_2018000111014203_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_2018000111014203_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_2018000111014203_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_2018000111014203_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_2018000111014203_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011103001_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011104500_CO01 CS_OFFL_SIR_IOPM_2_201800011101303_201800011104500_CO01 CS_OFFL_SIR_	CS_OFFL_SIR_IOPM_2_20180501T071323_20180501T072527_C001	Ocean Range Averaging Status	
Coes Range Averaging Status CS_OFFL_SIR_IOPM_2_201805011082482_201805011082482_C001 CS_OFFL_SIR_IOPM_2_201805011082482_201805011082482_C001 CS_OFFL_SIR_IOPM_2_201805011082482_201805011082852_C001 CS_OFFL_SIR_IOPM_2_201805011082710_201805011082852_C001 CS_OFFL_SIR_IOPM_2_201805011082710_201805011082852_C001 CS_OFFL_SIR_IOPM_2_201805011082710_201805011082852_C001 CS_OFFL_SIR_IOPM_2_201805011082710_201805011082852_C001 CS_OFFL_SIR_IOPM_2_201805011082710_201805011082852_C001 CS_OFFL_SIR_IOPM_2_201805011083512_201805011085700_C001 CS_OFFL_SIR_IOPM_2_201805011085237_201805011085700_C001 CS_OFFL_SIR_IOPM_2_201805011085823_201805011085700_C001 CS_OFFL_SIR_IOPM_2_201805011085823_201805011085700_C001 CS_OFFL_SIR_IOPM_2_201805011085823_201805011085700_C001 CS_OFFL_SIR_IOPM_2_201805011085823_201805011085700_C001 CS_OFFL_SIR_IOPM_2_201805011085823_201805011085700_C001 CS_OFFL_SIR_IOPM_2_201805011085823_201805011085820_C001 CS_OFFL_SIR_IOPM_2_201805011085823_201805011085820_C001 CS_OFFL_SIR_IOPM_2_20180501108142_201805011085800_C001 CS_OFFL_SIR_IOPM_2_20180501110142_2018050111080501100802_C001 CS_OFFL_SIR_IOPM_2_20180501110142_201805011103551_C001 CS_OFFL_SIR_IOPM_2_201805011101442_201805011113800_C001 CS_OFFL_SIR_IOPM_2_2018050111114800_201805011113800_C001 CS_OFFL_SIR_IOPM_2_2018050111114800_201805011113800_C001 CS_OFFL_SIR_IOPM_2_201805011113800_201805011113800_C001 CS_OFFL_SIR_IOPM_2_201805011113800_20180501112400_C001 CS_OFFL_SIR_IOPM_2_2018050111318400_201805011131800_C001 CS_OFFL	CS_OFFL_SIR_IOPM_2_20180501T072756_20180501T072919_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_LOPM_2_20180501T003422_000501T003425_C001 CS_OFFL_SIR_LOPM_2_20180501T003252_00501T003253_C001 CS_OFFL_SIR_LOPM_2_20180501T003252_005001T003253_C001 CS_OFFL_SIR_LOPM_2_20180501T003252_00501T003253_C001 CS_OFFL_SIR_LOPM_2_20180501T003252_00501T003253_C001 CS_OFFL_SIR_LOPM_2_20180501T003252_00501T003253_C001 CS_OFFL_SIR_LOPM_2_20180501T003252_00501T003253_C001 CS_OFFL_SIR_LOPM_2_20180501T003257_005001T003250_C001 CS_OFFL_SIR_LOPM_2_20180501T003257_005001T003550_C001 CS_OFFL_SIR_LOPM_2_20180501T003257_005001T0035700_C001 CS_OFFL_SIR_LOPM_2_20180501T003527_20180501T0035700_C001 CS_OFFL_SIR_LOPM_2_20180501T003527_005001T0035700_C001 CS_OFFL_SIR_LOPM_2_20180501T0035001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T00350001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T00350001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T00350001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T00350001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T0035001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T0035001T0035001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T10035001T0035001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T10035001T0035001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T10035001T0035001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T10035001T0035001T003500_C001 CS_OFFL_SIR_LOPM_2_20180501T101323_0180501T103551_C001 CS_OFFL_SIR_LOPM_2_20180501T101323_0180501T103551_C001 CS_OFFL_SIR_LOPM_2_20180501T113035_20180501T130334_C001 CS_OFFL_SIR_LOPM_2_20180501T113035_20180501T130334_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130334_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_LOPM_2_20180501T131345_0180501T130350_C001 CS_OFFL_SIR_L	CS_OFFL_SIR_IOPM_2_20180501T075244_20180501T080217_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180501T082825_2018050T082835_C001 CS_OFFL_SIR_IOPM_2_2018050T082710_2018050T082835_C001 CS_OFFL_SIR_IOPM_2_2018050T082710_2018050T082835_C001 CS_OFFL_SIR_IOPM_2_2018050T082710_2018050T082835_C001 CS_OFFL_SIR_IOPM_2_2018050T082515_2018050T082831_C001 CS_OFFL_SIR_IOPM_2_2018050T082527_2018050T084510_2018050T08457_C001 CS_OFFL_SIR_IOPM_2_2018050T082527_2018050T085700_C001 CS_OFFL_SIR_IOPM_2_2018050T082527_2018050T085700_C001 CS_OFFL_SIR_IOPM_2_2018050T082527_2018050T085700_C001 CS_OFFL_SIR_IOPM_2_2018050T082527_2018050T0805827_C001 CS_OFFL_SIR_IOPM_2_2018050T085237_2018050T0805827_C001 CS_OFFL_SIR_IOPM_2_2018050T085237_2018050T0805820_C001 CS_OFFL_SIR_IOPM_2_2018050T083747_2018050T0905827_C001 CS_OFFL_SIR_IOPM_2_2018050T094132_2018050T005830_C001 CS_OFFL_SIR_IOPM_2_2018050T094132_2018050T005830_C001 CS_OFFL_SIR_IOPM_2_2018050T100442_2018050T1005820_C001 CS_OFFL_SIR_IOPM_2_2018050T100442_2018050T1100582_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1125051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1125051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1125051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1125051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1125051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1125051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1125051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151480_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151440_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1151440_2018050T1135051_C001 CS_OFFL_SIR_IOPM_2_2018050T1153051_C0010 CS_OFFL_SIR_IOPM_2_2018050T1153051_C0010 CS_OFFL_SIR_IOPM_2_2018050T1153051_C0010 CS_OFFL_SIR_IOPM_2_2018050T1153051_C0010 CS_OFFL_SIR_IOPM_2_2018050T1153051_C0010 CS_OFFL_SIR_IOPM_2_201805	CS_OFFL_SIR_IOPM_2_20180501T080452_20180501T081933_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_201805011082512_00105001108270_OUT	CS_OFFL_SIR_IOPM_2_20180501T082141_20180501T082645_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180501T082710_20180501T082855_C001 CS_OFFL_SIR_IOPM_2_20180501T083516_20180501T083513_C001 CS_OFFL_SIR_IOPM_2_20180501T084510_20180501T08457_C001 CS_OFFL_SIR_IOPM_2_20180501T084510_20180501T08570_C001 CS_OFFL_SIR_IOPM_2_20180501T085232_20180501T08570_C001 CS_OFFL_SIR_IOPM_2_20180501T085232_20180501T08570_C001 CS_OFFL_SIR_IOPM_2_20180501T085232_20180501T08527_C001 CS_OFFL_SIR_IOPM_2_20180501T085232_20180501T08527_C001 CS_OFFL_SIR_IOPM_2_20180501T085232_20180501T08527_C001 CS_OFFL_SIR_IOPM_2_20180501T085232_20180501T095257_C001 CS_OFFL_SIR_IOPM_2_20180501T094132_20180501T095250_C001 CS_OFFL_SIR_IOPM_2_20180501T1094132_20180501T09550_C001 CS_OFFL_SIR_IOPM_2_20180501T1094132_20180501T109550_C001 CS_OFFL_SIR_IOPM_2_20180501T1094132_20180501T103602_C001 CS_OFFL_SIR_IOPM_2_20180501T1094132_20180501T103650_C001 CS_OFFL_SIR_IOPM_2_20180501T1094132_20180501T103600_C001 CS_OFFL_SIR_IOPM_2_20180501T11044_20180501T1103602_C001 CS_OFFL_SIR_IOPM_2_20180501T111440_20180501T1103602_C001 CS_OFFL_SIR_IOPM_2_20180501T111440_20180501T1113409_C001 CS_OFFL_SIR_IOPM_2_20180501T111440_20180501T113450_C001 CS_OFFL_SIR_IOPM_2_20180501T111440_20180501T113450_C001 CS_OFFL_SIR_IOPM_2_20180501T1112492_20180501T113450_C001 CS_OFFL_SIR_IOPM_2_20180501T112494_20180501T113450_C001 CS_OFFL_SIR_IOPM_2_20180501T11340_20180501T13450_C001 CS_OFFL_SIR_IOPM_2_20180501T11340_20180501T1350_C001 CS_OFFL_SIR_IOPM_2_20180501T11340_20180501T1350_C001 CS_OFFL_SIR_IOPM_2_20180501T1340_20180501T1350_C001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T1340001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T144001 CS_OFFL_SIR_IOPM_2_20180501T13440_20180501T144001 C	CS_OFFL_SIR_IOPM_2_20180501T082652_20180501T082703_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_201805017083516_20180501708457_C001 CS_OFFL_SIR_IOPM_2_201805017084510_20180501708457_C001 CS_OFFL_SIR_IOPM_2_20180501708450_201805017085700_C001 CS_OFFL_SIR_IOPM_2_20180501708523_201805017085700_C001 CS_OFFL_SIR_IOPM_2_20180501708523_201805017080527_C001 CS_OFFL_SIR_IOPM_2_201805017085823_201805017080527_C001 CS_OFFL_SIR_IOPM_2_201805017085823_201805017080527_C001 CS_OFFL_SIR_IOPM_2_20180501708472_201805017080527_C001 CS_OFFL_SIR_IOPM_2_201805017084132_201805017080530_C001 CS_OFFL_SIR_IOPM_2_201805017084132_201805017108062_C001 CS_OFFL_SIR_IOPM_2_201805017101223_201805017108062_C001 CS_OFFL_SIR_IOPM_2_201805017101223_201805017103551_C001 CS_OFFL_SIR_IOPM_2_201805017111240_201805017113800_C001 CS_OFFL_SIR_IOPM_2_201805017113142_201805017113126_C001 CS_OFFL_SIR_IOPM_2_201805017131342_20180501713126_C001 CS_OFFL_SIR_IOPM_2_201805017131342_2018050171312753_C001 CS_OFFL_SIR_IOPM_2_201805017131442_2018050171312753_C001 CS_OFFL_SIR_IOPM_2_201805017131442_2018050171312753_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131342_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131342_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017131502_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131442_201805017144804_C001 CS_OFFL_SIR_IOPM_2_20180501713144201805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131445_201805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131502_10805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131502_10805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131502_10805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131502_10805017144804_C001 CS_OFFL_SIR_IOPM_2_201805017131502_10805017145020_C001 CS_OF	CS_OFFL_SIR_IOPM_2_20180501T082710_20180501T082825_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_JOPM_2_20180501T084510_20180501T084557_C001 CS_OFFL_SIR_JOPM_2_20180501T085237_20180501T085700_C001 CS_OFFL_SIR_JOPM_2_20180501T085237_20180501T080527_C001 CS_OFFL_SIR_JOPM_2_20180501T085237_20180501T080527_C001 CS_OFFL_SIR_JOPM_2_20180501T083234_C001 CS_OFFL_SIR_JOPM_2_20180501T083234_C001 CS_OFFL_SIR_JOPM_2_20180501T083924_C001 CS_OFFL_SIR_JOPM_2_20180501T083924_C001 CS_OFFL_SIR_JOPM_2_20180501T083924_C001 CS_OFFL_SIR_JOPM_2_20180501T094132_20180501T089392_C001 CS_OFFL_SIR_JOPM_2_20180501T10144_20180501T100802_C001 CS_OFFL_SIR_JOPM_2_20180501T101223_20180501T103551_C001 CS_OFFL_SIR_JOPM_2_20180501T101223_20180501T113809_C001 CS_OFFL_SIR_JOPM_2_20180501T113805_C001 CS_OFFL_SIR_JOPM_2_20180501T113805_20180501T1130314_C001 CS_OFFL_SIR_JOPM_2_20180501T131342_20180501T132314_C001 CS_OFFL_SIR_JOPM_2_20180501T131342_20180501T131380_C001 CS_OFFL_SIR_JOPM_2_20180501T131342_20180501T131310_C001 CS_OFFL_SIR_JOPM_2_20180501T131342_20180501T131310_C001 CS_OFFL_SIR_JOPM_2_20180501T131342_20180501T131350_C001 CS_OFFL_SIR_JOPM_2_20180501T131342_20180501T131350_C001 CS_OFFL_SIR_JOPM_2_20180501T131310_20180501T131310_C001 CS_OFFL_SIR_JOPM_2_20180501T131310_C0180501T131310_C001 CS_OFFL_SIR_JOPM_2_20180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T131310_C0180501T	CS_OFFL_SIR_IOPM_2_20180501T083516_20180501T083613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_JOPM_2_20180501T085237_20180501T095227_COO1 CS_OFFL_SIR_JOPM_2_20180501T085232_20180501T095227_COO1 CS_OFFL_SIR_JOPM_2_20180501T09522_20180501T095324_COO1 CS_OFFL_SIR_JOPM_2_20180501T095324_COO1 CS_OFFL_SIR_JOPM_2_20180501T095432_20180501T095830_COO1 CS_OFFL_SIR_JOPM_2_20180501T094132_20180501T095830_COO1 CS_OFFL_SIR_JOPM_2_20180501T100144_20180501T100602_COO1 CS_OFFL_SIR_JOPM_2_20180501T100144_20180501T100602_COO1 CS_OFFL_SIR_JOPM_2_20180501T101223_20180501T103551_COO1 CS_OFFL_SIR_JOPM_2_20180501T112404_20180501T103551_COO1 CS_OFFL_SIR_JOPM_2_20180501T112405_20180501T113805_COO1 CS_OFFL_SIR_JOPM_2_20180501T112535_20180501T113805_COO1 CS_OFFL_SIR_JOPM_2_20180501T112535_20180501T113805_COO1 CS_OFFL_SIR_JOPM_2_20180501T113953_20180501T113953_COO1 CS_OFFL_SIR_JOPM_2_20180501T113953_20180501T113950_COO1 CS_OFFL_SIR_JOPM_2_20180501T113953_20180501T139130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13953_20180501T139130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13953_20180501T139130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13134_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13130_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13130_20180501T13130_COO1 CS_OFFL_SIR_JOPM_2_20180501T13130_CO01 CS_OFFL_S	CS_OFFL_SIR_IOPM_2_20180501T084510_20180501T084657_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T095823_20180501T090527_C001 CS_OFFL_SIR_IOPM_2_20180501T093747_20180501T093924_C001 CS_OFFL_SIR_IOPM_2_20180501T0914132_20180501T095830_C001 CS_OFFL_SIR_IOPM_2_20180501T00144_20180501T100602_C001 CS_OFFL_SIR_IOPM_2_20180501T100144_20180501T100602_C001 CS_OFFL_SIR_IOPM_2_20180501T101223_20180501T100551_C001 CS_OFFL_SIR_IOPM_2_20180501T101223_20180501T100551_C001 CS_OFFL_SIR_IOPM_2_20180501T101223_20180501T101233_20180501T100502_C001 CS_OFFL_SIR_IOPM_2_20180501T11240_20180501T113809_C001 CS_OFFL_SIR_IOPM_2_20180501T113905_20180501T113909_C001 CS_OFFL_SIR_IOPM_2_20180501T113905_20180501T112401 CS_OFFL_SIR_IOPM_2_20180501T113905_20180501T112401 CS_OFFL_SIR_IOPM_2_20180501T113905_20180501T112050_C001 CS_OFFL_SIR_IOPM_2_20180501T130550_C001 CS_OFFL_SIR_IOPM_2_20180501T130550_C001 CS_OFFL_SIR_IOPM_2_20180501T130550_C001 CS_OFFL_SIR_IOPM_2_20180501T130550_C001 CS_OFFL_SIR_IOPM_2_20180501T130550_C001 CS_OFFL_SIR_IOPM_2_20180501T130550_C001 CS_OFFL_SIR_IOPM_2_20180501T13055_00180501T13050_C001 CS_OFFL_SIR_IOPM_2_20180501T13055_00180501T13050_C001 CS_OFFL_SIR_IOPM_2_20180501T13055_00180501T13050_C001 CS_OFFL_SIR_IOPM_2_20180501T13055_00180501T13050_C001 CS_OFFL_SIR_IOPM_2_20180501T13055_00180501T13055_0010 CS_OFFL_SIR_IOPM_2_20180501T13055_00180501T13055_0010 CS_OFFL_SIR_IOPM_2_20180501T14050_C001 CS_O	CS_OFFL_SIR_IOPM_2_20180501T085237_20180501T085700_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T093747_20180501T093924_c001 CS_OFFL_SIR_IOPM_2_20180501T094132_20180501T100602_c001 CS_OFFL_SIR_IOPM_2_20180501T100144_20180501T100602_c001 CS_OFFL_SIR_IOPM_2_20180501T1010144_20180501T100602_c001 CS_OFFL_SIR_IOPM_2_20180501T1010144_20180501T103551_C0001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T1133502_c0001 CS_OFFL_SIR_IOPM_2_20180501T111355_20180501T1113809_c0001 CS_OFFL_SIR_IOPM_2_20180501T111355_20180501T1113809_c0001 CS_OFFL_SIR_IOPM_2_20180501T111446_20180501T113809_c0001 CS_OFFL_SIR_IOPM_2_20180501T111446_20180501T112407_c0001 CS_OFFL_SIR_IOPM_2_20180501T112405_20180501T112407_c001 CS_OFFL_SIR_IOPM_2_20180501T112405_20180501T1131126_c001 CS_OFFL_SIR_IOPM_2_20180501T1131134_20180501T1311362_c001 CS_OFFL_SIR_IOPM_2_20180501T1313134_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T13131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T13131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T13131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T1313131_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T131313_20180501T1313102_c001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141837_c001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141831_c001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141831_c001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141831_c001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141831_c001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T144804_c001 CS_OFFL_SIR_IOPM_2_20180501T144804_c001 CS_OFFL_SIR_IOPM_2_20180501T144804_c001 CS_OFFL_SIR_IOPM_2_20180501T144804_c001 CS_OFFL_SIR_IOPM_2_20180501T144804_c001 CS_OFFL_SIR_IOPM_2_20180501T154349_c0010 CS_OFFL_SIR_IOPM_2_20180501T154349_c0010 CS_OFFL_SIR_IOPM_2_20180501T154349_c0010 CS_OFFL_SIR_IOPM_2_20180501T154349_c0010 CS_OFFL_SIR_IOPM_2_20180501T1	CS_OFFL_SIR_IOPM_2_20180501T085823_20180501T090527_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T104132_20180501T106802_C001 CS_OFFL_SIR_IOPM_2_20180501T1104023_20180501T103551_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T1103551_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T110359_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T110359_C001 CS_OFFL_SIR_IOPM_2_20180501T11240_20180501T110314_C001 CS_OFFL_SIR_IOPM_2_20180501T11240_20180501T110314_C001 CS_OFFL_SIR_IOPM_2_20180501T11240_20180501T110314_C001 CS_OFFL_SIR_IOPM_2_20180501T1131134_20180501T110314_C001 CS_OFFL_SIR_IOPM_2_20180501T1131134_20180501T11031126_C001 CS_OFFL_SIR_IOPM_2_20180501T1131134_20180501T1131126_C001 CS_OFFL_SIR_IOPM_2_20180501T1131134_20180501T1131126_C001 CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T1311300_C001 CS_OFFL_SIR_IOPM_2_20180501T1313134_20180501T1311300_C001 CS_OFFL_SIR_IOPM_2_20180501T1313134_20180501T1313753_C001 CS_OFFL_SIR_IOPM_2_20180501T1313105_20180501T1313753_C001 CS_OFFL_SIR_IOPM_2_20180501T1313130_20180501T1313753_C001 CS_OFFL_SIR_IOPM_2_20180501T1313105_20180501T14950_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T14950_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T14950_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141931_C001 CS_OFFL_SIR_IOPM_2_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T1448050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_20180501T145000_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T145050_C001 CS_OFFL_SIR_IOPM_2_20180501T1450	CS_OFFL_SIR_IOPM_2_20180501T093747_20180501T093924_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T101044_20180501T100602_C001 CS_OFFL_SIR_IOPM_2_20180501T101223_20180501T103551_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T113809_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T114509_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T114509_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T114516_C001 CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T1120314_C001 CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T120314_C001 CS_OFFL_SIR_IOPM_2_20180501T1120850_20180501T1120314_C001 CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T122407_C001 CS_OFFL_SIR_IOPM_2_20180501T124942_20180501T131126_C001 CS_OFFL_SIR_IOPM_2_20180501T1314442_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T131445_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T131445_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T144931_C001 CS_OFFL_SIR_IOPM_2_20180501T144837_20180501T144931_C001 CS_OFFL_SIR_IOPM_2_20180501T144837_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150342_C001 CCean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Ra	CS OFFL SIR IOPM 2 20180501T094132 20180501T095830 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T101223_20180501T103551_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T113809_C001 CS_OFFL_SIR_IOPM_2_20180501T111240_20180501T113809_C001 CS_OFFL_SIR_IOPM_2_20180501T113953_20180501T114516_C001 CS_OFFL_SIR_IOPM_2_20180501T113953_20180501T114516_C001 CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T120314_C001 CS_OFFL_SIR_IOPM_2_20180501T1120850_20180501T122407_C001 CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T122407_C001 CS_OFFL_SIR_IOPM_2_20180501T131344_20180501T131136_C001 CS_OFFL_SIR_IOPM_2_20180501T131344_20180501T131136_C001 CS_OFFL_SIR_IOPM_2_20180501T131344_20180501T131136_C001 CS_OFFL_SIR_IOPM_2_20180501T131345_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T3131945_20180501T131902_C001 CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T131902_C001 CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T131902_C001 CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T149302_C001 CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T14931_C001 CS_OFFL_SIR_IOPM_2_20180501T131305_20180501T14931_C001 CS_OFFL_SIR_IOPM_2_20180501T144837_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T1455235_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150342_C001 CCEAR Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status	CS OFFL SIR IOPM 2 20180501T100144 20180501T100602 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T113953_20180501T113809_C001 CS_OFFL_SIR_IOPM_2_20180501T113953_20180501T114516_C001 CS_OFFL_SIR_IOPM_2_20180501T113953_20180501T114516_C001 CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T120314_C001 CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T122407_C001 CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T122407_C001 CS_OFFL_SIR_IOPM_2_20180501T124942_20180501T131126_C001 CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T131126_C001 CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T131305_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T131305_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T144951_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144459_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T145709_2001 CCEAR Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Oce			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T113953_20180501T114516_C001 CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T120314_C001 CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T120314_C001 CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T122407_C001 CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T131126_C001 CS_OFFL_SIR_IOPM_2_20180501T13134_20180501T131126_C001 CS_OFFL_SIR_IOPM_2_20180501T13134_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T13134_20180501T131802_C001 CS_OFFL_SIR_IOPM_2_20180501T13134_20180501T132753_C001 CS_OFFL_SIR_IOPM_2_20180501T131345_20180501T132753_C001 CS_OFFL_SIR_IOPM_2_20180501T131305_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T131305_20180501T141831_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141831_C001 CS_OFFL_SIR_IOPM_2_20180501T144839_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T144593_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T145933_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T150440_C001 CCS_OFFL_SIR_IOPM_2_20180501T151031_20180501T1504			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T120314_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T131126_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T1311802_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T132753_C001 CS_OFFL_SIR_IOPM_2_20180501T133105_20180501T140520_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141931_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Ran			The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T120850_20180501T122407_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status F			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T124942_20180501T131126_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status F			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T131125_C001 CS_OFFL_SIR_IOPM_2_20180501T131134_20180501T1312753_C001 CS_OFFL_SIR_IOPM_2_20180501T1311945_20180501T132753_C001 CS_OFFL_SIR_IOPM_2_20180501T13105_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141931_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141931_C001 CS_OFFL_SIR_IOPM_2_20180501T144421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T1445709_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150350_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150350_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150350_C001 CS_OFFL_SIR_IOPM_2_20180501T1503536_20180501T153250_C001 CS_OFFL_SIR_IOPM_2_20180501T1503536_20180501T153449_C001 CS_OFFL_SIR_IOPM_2_20180501T1503536_20180501T153449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150410_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T153449_C001 COCEAN Range Averaging Status CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T154449_C001 COCEAN Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more recor			records.
CS_OFFL_SIR_IOPM_2_20180501T131945_20180501T131753_C001 CS_OFFL_SIR_IOPM_2_20180501T133105_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T144837_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150449_C001 CS_OFFL_SIR_IOPM_2_20180501T150356_20180501T154449_C001 CCS_OFFL_SIR_IOPM_2_20180501T150356_20180501T154449_C001 CCS_OFFL_SIR_IOPM_2_20180501T150056_20180501T150449_C001 CCS_OFFL_SIR_IOPM_2_20180501T150056_2			
CS_OFFL_SIR_IOPM_2_20180501T13105_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T140520_C001 CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141931_C001 CS_OFFL_SIR_IOPM_2_20180501T144421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T1444859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T153250_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T153449_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C00			records.
CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141931_C001 CS_OFFL_SIR_IOPM_2_20180501T14421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T153250_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T1534449_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR			records.
CS_OFFL_SIR_IOPM_2_20180501T14421_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T144804_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150449_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001			records.
CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001 CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T153250_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153336_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T157505_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_SIR_IOPM_2_20180501T150110_C001 CCS_OFFL_S			records.
CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T150442_C001 CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T153250_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T150110_C001 C			records.
CS_OFFL_SIR_IOPM_2_20180501T15031_20180501T15031250_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T154449_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T150310_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20180501T150110_C001 CS_OFFL_SIR_IOPM_2_20	CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T153250_C001 Ocean Range Averaging Status CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_201805011153336_201805011154449_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T153250_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T160110_C001	Ocean Range Averaging Status	

CS_OFFL_SIR_IOPM_2_20180501T161700_20180501T162145_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T162333_20180501T163613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T164029_20180501T164341_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T164952_20180501T165532_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T165542_20180501T172258_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T173958_20180501T174659_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T174719_20180501T181119_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T182527_20180501T182728_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T182940_20180501T184708_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T184928_20180501T185838_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T191445_20180501T191856_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T192018_20180501T192300_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T192326_20180501T193552_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T194212_20180501T195352_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T200232_20180501T200655_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T200847_20180501T202337_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T202516_20180501T204035_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T210207_20180501T210918_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T211041_20180501T211536_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T211752_20180501T213437_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T213722_20180501T214606_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T214824_20180501T221045_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T225008_20180501T231339_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T231931_20180501T232359_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180501T150442_20180501T150749_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180501T161328_20180501T161700_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180501T001739_20180501T001800_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180501T042519_20180501T042716_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180501T081934_20180501T081955_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180501T160740_20180501T160828_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180501T181120_20180501T181819_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180501T231339_20180501T231518_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: 82

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180430T235300_20180501T000410_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_20180501T001024_20180501T001455_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T001800_20180501T004630_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_20180501T011010_20180501T014321_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_20180501T014934_20180501T015508_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T015642_20180501T020253_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_20180501T023401_20180501T023540_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_20180501T024850_20180501T032240_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_20180501T032837_20180501T0333349_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T033600_20180501T035530_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_20180501T042716_20180501T050059_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_20180501T050537_20180501T050836_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T051527_20180501T054351_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_20180501T054406_20180501T055109_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_20180501T061029_20180501T061811_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_20180501T062253_20180501T064024_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_20180501T064216_20180501T064735_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFFL SIR IOPM 2 20180501T065826 20180501T071109 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T071323_20180501T072527_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T072756_20180501T072919_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T075244_20180501T080217_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T080452_20180501T081933_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T082141_20180501T082645_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
		records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T082652_20180501T082703_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T082710_20180501T082825_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T084510_20180501T084657_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T085237_20180501T085700_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.
CS_OFFL_SIR_IOPM_2_20180501T085823_20180501T090527_C001	Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T093747_20180501T093924_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_20180501T094132_20180501T095830_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_20180501T100144_20180501T100602_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T100623_20180501T100806_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T101223_20180501T103551_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_20180501T111240_20180501T113809_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_20180501T113953_20180501T114516_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T114522_20180501T114847_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T115146_20180501T120314_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_20180501T120850_20180501T122407_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_20180501T124942_20180501T131126_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_20180501T131134_20180501T131802_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_20180501T131945_20180501T132753_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T133105_20180501T140520_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T141837_20180501T141931_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR IOPM 2 20180501T144421 20180501T144804 C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T144859_20180501T145709_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T145923_20180501T150442_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T151031_20180501T153250_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T153536_20180501T154449_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T155705_20180501T160110_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T161700_20180501T162145_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T162333_20180501T163613_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180501T164029_20180501T164341_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T164952_20180501T165532_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180501T165542_20180501T172258_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20180501T173859_20180501T173913_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_20180501T173958_20180501T174659_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_20180501T174719_20180501T181119_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_20180501T182527_20180501T182728_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T182940_20180501T184708_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_20180501T184928_20180501T185838_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_20180501T191445_20180501T191856_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T192018_20180501T192300_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_20180501T192326_20180501T193552_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_20180501T194212_20180501T195352_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_20180501T200232_20180501T200655_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T200847_20180501T202337_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_20180501T202516_20180501T204035_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_20180501T210207_20180501T210918_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_20180501T211041_20180501T211536_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_20180501T211752_20180501T213437_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_20180501T213722_20180501T214606_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180501T214824_20180501T221045_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_20180501T225008_20180501T231339_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_20180501T231931_20180501T232359_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180501T150442_20180501T150749_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_20180501T161328_20180501T161700_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_20180501T001739_20180501T001800_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_20180501T042519_20180501T042716_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_20180501T081934_20180501T081955_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_20180501T160740_20180501T160828_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_20180501T181120_20180501T181819_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_20180501T231339_20180501T231518_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.

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

Number of products with errors: 0

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

6.6 P2P Range Measurement Check

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

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

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

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

Number of products with errors: 29

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180430T232115_20180501T001054_C003	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T001054_20180501T010028_C001		The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T010028_20180501T015008_C001		The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180501T015008_20180501T023942_C001		The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180501T023942_20180501T032921_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220180501T032921_20180501T041855_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_220180501T041855_20180501T050835_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_220180501T050835_20180501T055809_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_220180501T055809_20180501T064748_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_220180501T064748_20180501T073722_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T073722_20180501T082702_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_220180501T082702_20180501T091636_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_220180501T091636_20180501T100615_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_220180501T100615_20180501T105550_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T105550_20180501T114529_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_220180501T114529_20180501T123503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T123503_20180501T132443_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_220180501T132443_20180501T141417_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T141417_20180501T150356_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_220180501T150356_20180501T155330_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T155330_20180501T164310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T164310_20180501T173244_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T173244_20180501T182223_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T182223_20180501T191157_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_220180501T191157_20180501T200137_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_220180501T200137_20180501T205111_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_220180501T205111_20180501T214050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T214050_20180501T223025_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_220180501T223025_20180501T232004_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180430T232115_20180501T001054_C003	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_2_20180501T001054_20180501T010028_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_220180501T010028_20180501T015008_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_220180501T015008_20180501T023942_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_220180501T023942_20180501T032921_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_220180501T032921_20180501T041855_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_220180501T041855_20180501T050835_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_220180501T050835_20180501T055809_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_220180501T055809_20180501T064748_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_220180501T064748_20180501T073722_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_220180501T073722_20180501T082702_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_220180501T082702_20180501T091636_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_220180501T091636_20180501T100615_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_220180501T100615_20180501T105550_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_220180501T105550_20180501T114529_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_220180501T114529_20180501T123503_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_2_20180501T123503_20180501T132443_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_220180501T132443_20180501T141417_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_2_20180501T141417_20180501T150356_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_220180501T150356_20180501T155330_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_2_20180501T155330_20180501T164310_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_220180501T164310_20180501T173244_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_220180501T173244_20180501T182223_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_2_20180501T182223_20180501T191157_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_2_20180501T191157_20180501T200137_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_2_20180501T200137_20180501T205111_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_220180501T205111_20180501T214050_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_2_20180501T214050_20180501T223025_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_220180501T223025_20180501T232004_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

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

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

Number of products with errors: 26		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180501T001054_20180501T010028_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T010028_20180501T015008_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T015008_20180501T023942_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T023942_20180501T032921_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T032921_20180501T041855_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T041855_20180501T050835_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T050835_20180501T055809_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T055809_20180501T064748_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T064748_20180501T073722_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T073722_20180501T082702_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T082702_20180501T091636_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T100615_20180501T105550_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T105550_20180501T114529_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T114529_20180501T123503_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T123503_20180501T132443_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T132443_20180501T141417_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T141417_20180501T150356_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T150356_20180501T155330_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T155330_20180501T164310_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T164310_20180501T173244_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T173244_20180501T182223_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T182223_20180501T191157_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T191157_20180501T200137_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T200137_20180501T205111_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T205111_20180501T214050_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180501T223025_20180501T232004_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.