



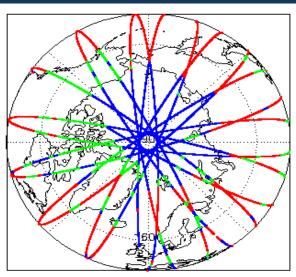
# 1. Overview

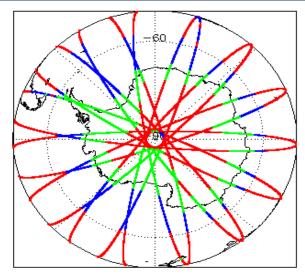
Report Production:	25-Jul-2018	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data	

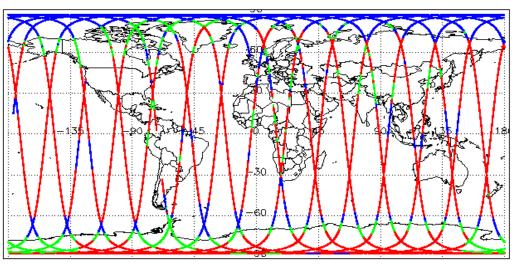
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

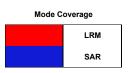
Mission / Instru	ment News
22-Jul-2018	None
23-Jul-2018	None
24-Jul-2018	Nothing planned

# 2. Global Coverage









# 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

# 4. IOP Level 1B Data Quality Check

# 4.1 L1B Product Format Check

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

Number of products with errors:

0

### 4.2 L1B Product Header Analysis

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

#### 4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180723T044249_20180723T044411_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

#### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors: 1

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180723T124600_20180723T131725_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T032306_20180723T032552_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T041835_20180723T042442_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T050015_20180723T050337_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T101748_20180723T101951_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T150914_20180723T151023_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T163800_20180723T163901_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T182217_20180723T182704_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T213600_20180723T213626_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180723T230919_20180723T231046_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180722T235908_20180723T000337_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180723T032552_20180723T033327_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180723T072657_20180723T072849_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180723T074014_20180723T074235_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180723T082744_20180723T082856_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180723T100545_20180723T100813_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180723T191632_20180723T191908_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).

Number of products with errors:

## 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180723T044249_20180723T044411_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

#### 5.6 L2 Range Measurement Check

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

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

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

Comparison   Com	Product	Test Failed	Description
Compt. Bis. Cont. 2 (2016) 23 (2016)			The Ocean Range Averaging Status Flag has been set for one or more
COURL SK LOW DE JOURNEY JOURNE	CS_OFFL_SIR_IOPM_2_20180723T005613_20180723T005846_C001	Ice Range Averaging Status	
CO.OFF. SRILOPS 2.0100027110108_0000271101010_000  CO.OFF. SRILOPS 2.010027110108_000027110108_0	CS_OFFL_SIR_IOPM_2_20180723T005852_20180723T010303_C001	Ice Range Averaging Status	
COHE, SE, DOM 2, 20100721701933_0007217193020_COS  COLOTE, SE, DOM 2, 20100721701930_COS COS  COLOTE, SE, DOM 2, 20100721701930_COS  COLOTE, SE, DOM 2, 20100721701930_CO	CS_OFFL_SIR_IOPM_2_20180723T010750_20180723T013354_C001	Ocean Range Averaging Status	
See Chief. Sell. Chief. 2. 20080727110435. 20180727102002. COST  Cop. FT., Sell. Chief. 2. 20080727110302. 20180727102002. COST  Cop. FT., Sell. Chief. 2. 20180727102002. COS	CS_OFFL_SIR_IOPM_2_20180723T013410_20180723T014140_C001	Ocean Range Averaging Status	
Dec. OFF., SR. CHILL 2, 20180727100103, 20180727102010, Cost  Co., CHE, SR. CHILL 2, 20180727102010, Cost  Co., CHE, SR. CHILL 2, 20180727102010, Cost  Co., CHE, SR. CHILL 2, 20180727102015, Cost  Co., CHE, SR. CHILL 2, 20180727102012, Cost  Co.,	CS_OFFL_SIR_IOPM_2_20180723T014318_20180723T014526_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Company   Comp	CS_OFFL_SIR_IOPM_2_20180723T015353_20180723T020820_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
DB_CPF_BR_ION_2_2018727700352_0187273707377_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707377_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707377_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707371_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707372_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707372_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707372_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707372_COLD  CR_CPF_BR_ION_2_2018727700352_0187273707372_COLD  CR_CPF_BR_ION_2_2018727700352_0187273700352_COLD  CR_CPF_BR_ION_2_2018727700352_0187273700352_COLD  CR_CPF_BR_ION_2_2018727700352_0187273700352_COLD  CR_CPF_BR_ION_2_2018727700352_0187273700352_COLD  CR_CPF_BR_ION_2_2018727700352_0187273700352_COLD  CR_CPF_BR_ION_2_2018727700352_0187273700352_COLD  CR_CPF_BR_ION_2_2018727700352_0187273700352_COLD  CR_CPF_BR_ION_2_201872770032_0187273700352_COLD  CR_CPF_BR_ION_2_2018727710032_0187273700352_COLD  CR_CPF_B	CS_OFFL_SIR_IOPM_2_20180723T021302_20180723T023002_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co. OFFL. SRIL, OFFL. 2. 2016/0721102002, 2016/0721102002, CO. OFFL. SRIL, OFFL. 2. 2016/07211020	CS_OFFL_SIR_IOPM_2_20180723T023225_20180723T023744_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS OFFL. SIR. OPM. 2. 201007237024609. 201007237024609. COID  CS OFFL. SIR. OPM. 2. 201007237024609. 201007237004609. COID  CS OFFL. SIR. OPM. 2. 201007237024609. 201007237004609. COID  CS OFFL. SIR. OPM. 2. 201007237034020. 20100723704609. COID  CS OFFL. SIR. OPM. 2. 201007237034020. 20100723704609. COID  CS OFFL. SIR. OPM. 2. 201007237034020. 20100723704609. COID  CS OFFL. SIR. OPM. 2. 20100723704609. 20100723704609. COID  CS OFFL. SIR. OPM. 2. 20100723705409. 20100723705609. COID  CS OFFL. SIR. OPM. 2. 20100723705409. 20100723705609. COID  CS OFFL. SIR. OPM. 2. 20100723705409. 20100723705609. COID  CS OFFL. SIR. OPM. 2. 20100723705609. 20100723705609. COID  CS OFFL. SIR. OPM. 2. 201007237105609. 20100723705609. COID  CS OFFL. SIR. OPM. 2. 201007237105609. 201007237105609. COID  CS OFFL. SIR. OPM. 2. 2010072371105609. 201007237105609. COID  CS OFFL. SIR. OPM. 2. 2010072371105609. 20100	CS_OFFL_SIR_IOPM_2_20180723T023751_20180723T023757_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Ces. PREL SIR LOPINA_2 DISINOZITIONAND_COINDITATE COOK  Ces. PREL SIR LOPINA_2 DISINOZ	CS_OFFL_SIR_IOPM_2_20180723T023803_20180723T024006_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_GPS_SIN_OPML_2281007231704033_00100723150524.001  CS_GPS_SIN_OPML_2281007231704033_00100723150524.0010  CS_GPS_SIN_OPML_2291007231704035_00100723150524.0010  CS_GPS_SIN_OPML_2291007231704049_00100723164055.0011  CS_GPS_SIN_OPML_2291007231704449_00100723164075.0011  CS_GPS_SIN_OPML_2291007231704049_00100723164075.0011  CS_GPS_SIN_OPML_2291007231704049_00100723164075.0011  CS_GPS_SIN_OPML_2291007231704049_00100723164075.0011  CS_GPS_SIN_OPML_2291007231704049_0010072316075.0011  CS_GPS_SIN_OPML_2291007231704049_0010072316075.0011  CS_GPS_SIN_OPML_2291007231704033_00100723160755.0011  CS_GPS_SIN_OPML_2291007231704033_00100723160756.0011  CS_GPS_SIN_OPML_2291007231704030_0010723160756.0011  CS_GPS_SIN_OPML_2291007231704030_0010723160756.0011  CS_GPS_SIN_OPML_2291007231704000_0010723160756.0011  CS_GPS_SIN_OPML_2291007231704000_0010723160736.0011  CS_GPS_SIN_OPML_2291007231704000_0010723160736.0011  CS_GPS_SIN_OPML_2291007231704000_0010723160736.0011  CS_GPS_SIN_OPML_2291007231704000_0010723160736.0011  CS_GPS_SIN_OPML_2291007231704000_0010723160736.0011  CS_GPS_SIN_OPML_2291007231704000_00107231600131.0011  CS_GPS_SIN_OPML_22910072317040000_00107231600131.0011  CS_GPS_SIN_OPML_22910072317040000_00107231600131.0011  CS_GPS_SIN_OPML_22910072317040000_00107231705003_00107231600131.0011  CS_GPS_SIN_OPML_22910072317040000_001072317050035_001011  CS_GPS_SIN_OPML_22910072317040000_001007231600131.0011  CS_GPS_SIN_OPML_22910072317040000_001072317050035_001007231600131.0011  CS_GPS_SIN_OPML_22910072317040000_00107231705003_001007231600131.0011  CS_GPS_SIN_OPML_22910072317040000_001007231600131.0011  CS_GPS_SIN_OPML_22910072317040000_001007231600131.0011  CS_GPS_SIN_OPML_22910072317040000_00107231705003_001007231600131.0011  CS_GPS_SIN_OPML_22910072317040000_001072317050035_00107231600131.0011  CS_GPS_SIN_OPML_22910072317040000_00107231705003_00107231705003_00107231705003_00107231705003_001072317050000_00107231705003_001072317050000_001072317050000_001072317050000_001072317050000_001072317050000_001072317050000_00107231705	CS_OFFL_SIR_IOPM_2_20180723T024846_20180723T030121_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co. CPFL_SIR_LOPM_2_201807237169425_C0180723714455_C011  Co. CPFL_SIR_LOPM_2_20180723714455_C0180723714455_C011  Co. CPFL_SIR_LOPM_2_201807237186514_C0180723710725_C011  Co. CPFL_SIR_LOPM_2_201807237186514_C0180723710725_C011  Co. CPFL_SIR_LOPM_2_201807237186514_C0180723710725_C011  Co. CPFL_SIR_LOPM_2_20180723718723_C0180723710725_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C0180723710725_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C0180723710725_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C0180723710725_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C018072371025_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C018072371025_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C018072371025_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C018072371025_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C018072371025_C011  Co. CPFL_SIR_LOPM_2_20180723718065_C018072371025_C011  Co. CPFL_SIR_LOPM_2_201807237180	CS OFFL SIR IOPM 2 20180723T030335 20180723T032142 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SRL_DPM1_2_0180723704059_0001  CS_OFFL_SRL_DPM1_2_0180723704488_0001  CS_OFFL_SRL_DPM2_20180723704488_0001  CS_OFFL_SRL_DPM2_20180723704488_0001  CS_OFFL_SRL_DPM2_20180723704488_00018072370479_0001  CS_OFFL_SRL_DPM2_20180723704488_00018072370479_0001  CS_OFFL_SRL_DPM2_20180723704488_00018072370479_0001  CS_OFFL_SRL_DPM2_20180723704488_00018072370479_0001  CS_OFFL_SRL_DPM2_20180723704889_00018072370479_0001  CS_OFFL_SRL_DPM2_20180723704890_000180723704790_0001  CS_OFFL_SRL_DPM2_2018072370490_000180723704790_0001  CS_OFFL_SRL_DPM2_2018072370490_000180723704790_0001  CS_OFFL_SRL_DPM2_2018072370490_00018072370490_0001  CS_OFFL_SRL_DPM2_2018072370490_00018072370490_0001  CS_OFFL_SRL_DPM2_2018072370490_00018072370490_0001  CS_OFFL_SRL_DPM2_2018072370490_0001  CS_OFFL_SRL_DPM2_2018072370490_0001  CS_OFFL_SRL_DPM2_2018072370490_0001  CS_OFFL_SRL_DPM2_2018072370490_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_20180723704900_0001  CS_OFFL_SRL_DPM2_2018072370490001_00000000000000000000000000000000	CS OFFL SIR IOPM 2 20180723T034253 20180723T035224 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_CFFL_SR_LOPM_2_20180723T104412_0180723T044152_C010  CS_CFFL_SR_LOPM_2_20180723T04432_C0180723T04472_C011  CS_CFFL_SR_LOPM_2_20180723T04433_C0180723T04452_C010  CS_CFFL_SR_LOPM_2_20180723T04433_C0180723T04522_C010  CS_CFFL_SR_LOPM_2_20180723T05433_C0180723T04522_C010  CS_CFFL_SR_LOPM_2_20180723T05433_C0180723T04532_C011  CS_CFFL_SR_LOPM_2_20180723T07622_C0180723T07632_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T076402_C011  CS_CFFL_SR_LOPM_2_20180723T106402_C011  CS_CFFL_SR_LOPM_2_20180723T1106402_C011  CS_CFFL_SR_LOPM_2_20180723T1106402_C011  CS_CFFL_SR_LOPM_2_2			The Ocean Range Averaging Status Flag has been set for one or more
Ocean Range Averaging Status  Ocean Range Averaging Status  The Ocean Range Raveraging Status  The Ocean Range Averaging Status  The Ocean Range Raveraging Stat	CS OFFL SIR IOPM 2 20180723T041150 20180723T041655 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_JOPM_2_20160723T045454_20180723T054552_0001  CS_OFFL_SIR_JOPM_2_20160723T055155_20180723T05515_C001  CS_OFFL_SIR_JOPM_2_20160723T055156_20180723T06246_0001  CS_OFFL_SIR_JOPM_2_20180723T097242_0180723T06246_0001  CS_OFFL_SIR_JOPM_2_20180723T07024_20180723T070257_0001  CS_OFFL_SIR_JOPM_2_20180723T07024_20180723T070255_0001  CS_OFFL_SIR_JOPM_2_20180723T07024_20180723T070255_0001  CS_OFFL_SIR_JOPM_2_20180723T07024_20180723T070255_0001  CS_OFFL_SIR_JOPM_2_20180723T07024_20180723T070255_0001  CS_OFFL_SIR_JOPM_2_20180723T07024_20180723T070255_0001  CS_OFFL_SIR_JOPM_2_20180723T070256_20180723T070526_0001  CS_OFFL_SIR_JOPM_2_20180723T070256_20180723T070526_0001  CS_OFFL_SIR_JOPM_2_20180723T070456_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09466_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09466_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09465_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09465_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09465_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09465_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09465_20180723T08646_0001  CS_OFFL_SIR_JOPM_2_20180723T09645_20180723T08645_0001  CS_OFFL_SIR_JOPM_2_20180723T09645_20180723T09645_0001  CS_OFFL_SIR_JOPM_2_20180723T109645_20180723T109645_0001  CS_OFFL_SIR_JOPM_2_20180723T109645_0001  CS_OFFL_SIR_JOPM_2_20180723T109645_0001  CS_OFFL_SIR_JOPM_2_20180723T109645_0001  CS_OFFL_SIR_JOPM_2_20180723T109645_0001  CS_OFFL_SIR_JOPM_2_20180723T109645_0001  CS_OFFL_SIR_JOPM_2_20180723T109657_0001  CS_OFFL_SIR_JOPM_2_20180723T109657_0001  CS_OFFL_SIR_JOPM_2_20180723T109657_0001  CS_OFFL_SIR_JOPM_2_20180723T109657_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0001  CS_OFFL_SIR_JOPM_2_20180723T11096_0			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_JOPM_2_20160723T005159_20160723T005151_C001  CS_OFFL_SIR_JOPM_2_20160723T00514_20160723T005011_C001  CS_OFFL_SIR_JOPM_2_20160723T005031_20160723T005015_C001  CS_OFFL_SIR_JOPM_2_20160723T005031_20160723T076057_C001  CS_OFFL_SIR_JOPM_2_20160723T070002_20160723T076057_C001  CS_OFFL_SIR_JOPM_2_20160723T070002_20160723T076057_C001  CS_OFFL_SIR_JOPM_2_20160723T070002_20160723T076050_C001  CS_OFFL_SIR_JOPM_2_20160723T070002_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T070002_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T076002_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T006050_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T006050_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T006050_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T006050_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T006050_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T006050_20160723T006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS_OFFL_SIR_JOPM_2_20160723T106050_C001  CS_OFFL_SIR_JOPM_2_20160723T1006050_C001  CS			The Ocean Range Averaging Status Flag has been set for one or more
Les Range Averaging Status  CS_OFFL_SRI_OPM_2_20180723T06232_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T074322_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T074322_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T074322_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T074322_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T074322_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T074302_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T074302_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T075302_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T075302_0180723T07535_C001  CS_OFFL_SRI_OPM_2_20180723T075302_0180723T09535_C001  CS_OFFL_SRI_OPM_2_20180723T075302_0180723T09535_C001  CS_OFFL_SRI_OPM_2_20180723T08035_0180723T09535_C001  CS_OFFL_SRI_OPM_2_20180723T08035_0180723T09535_C001  CS_OFFL_SRI_OPM_2_20180723T08035_0180723T09535_C001  CS_OFFL_SRI_OPM_2_20180723T09635_0180723T09635_C001  CS_OFFL_SRI_OPM_2_20180723T09635_0180723T09635_C001  CS_OFFL_SRI_OPM_2_20180723T109635_0180723T109635_C001  CS_OFFL_SRI_OPM_2_20180723T110963_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110963_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110963_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110963_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110963_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110963_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110963_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110965_0180723T110965_C001  CS_OFFL_SRI_OPM_2_20180723T110965_0180723T110965_001  CS_OFFL			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SRI_OPM_2_20180723T09232_0180723T09255_C001  Obean Range Averaging Status.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag has been set for one or more records.  The Obean Range Averaging Status Flag			The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_201807231070322_201807231073525_C001  CS_OFFL_SIR_IOPM_2_201807231074236_201807231075325_C001  CS_OFFL_SIR_IOPM_2_201807231074236_201807231075326_C001  CS_OFFL_SIR_IOPM_2_201807231074236_20180723105326_C001  CS_OFFL_SIR_IOPM_2_20180723109035_20180723108566_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108566_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108566_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723108056_20180723108556_C001  CS_OFFL_SIR_IOPM_2_20180723110813_20180723110944_C001  CS_OFFL_SIR_IOPM_2_20180723110813_20180723110945_C001  CS_OFFL_SIR_IOPM_2_20180723111083_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111286_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111286_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111286_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111286_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111286_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111286_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111286_20180723111320_C001  CS_OFFL_SIR_IOPM_2_20180723111486_20180723112351_C001  CS_OFFL_SIR_IOPM_2_20180723111486_20180723113125_C001  CS_OFFL_SIR_IOPM_2_20180723113400_201807231131325_C001  CS_OFFL_SIR_IOPM_2_20180723113400_201807231131325_C001  CS_OFFL_SIR_IOPM_2_20180723113400_201807231131325_C001  CS_OFFL_SIR_IOPM_2_20180723113400_20180723113455_0001  CS_OFFL_SIR_IOPM_2_20180723113400_20180723113455_0001  CS_OFFL_SIR_IOPM_2_20180723113400_20180723113455_0001  CS_OFFL_SIR_IOPM_2_20180723113400_20180723113455_0001  CS_OFFL_SIR_IOPM_2_20180723113400_20180723113455_0001  CS_OFFL_SIR_IOPM_2_20180723113400_20180723113455_0001  CS_OFFL_SIR_IOPM_2_20180723113400_20180723113455_0001  C			
CS_OFFL_SIR_IOPM_2_20180723T073004_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T090220180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10943_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10943_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10943_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10943_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10943_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10943_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10943_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T10945_C001  CS_OFFL_SIR_IOPM_2_20180723T110943_C0180723T11200_C001  CS_OFFL_SIR_IOPM_2_20180723T110943_C0180723T11200_C001  CS_OFFL_SIR_IOPM_2_20180723T110943_C0180723T11200_C001  CS_OFFL_SIR_IOPM_2_20180723T110943_C0180723T11200_C001  CS_OFFL_SIR_IOPM_2_20180723T110943_C0180723T11200_C001  CS_OFFL_SIR_IOPM_2_20180723T110943_C0180723T11200_C001  CS_OFFL_SIR_IOPM_2_20180723T110943_C0180723T11200_C001  CS_OFFL_SIR_IOPM_2_20180723T112045_C001  CS_OFFL_SIR_IOPM_2_20180723T112045_C001  CS_OFFL_SIR_IOPM_2_20180723T112045_C001  CS_OFFL_SIR_IOPM_2_20180723T112045_C001  CS_OFFL_SIR_IOPM_2_20180723T112045_C001  CS_OFFL_SIR_IOPM_2_20180723T11200_C010  CS_OFFL_SIR_IOPM_2_20180723T11200_C0100723T11200_C010  CS_OFFL_SIR_IOPM_2_20180723T11200_C0100723T11200_C010  CS_OF			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180723T074228_20180723T081409_C001  Coan Range Averaging Status  The Coan Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T084056_20180723T080855_C001  CS_OFFL_SIR_IOPM_2_20180723T084056_20180723T080831_C001  CS_OFFL_SIR_IOPM_2_20180723T084056_20180723T080831_C001  CS_OFFL_SIR_IOPM_2_20180723T080051_20180723T091803_C001  CS_OFFL_SIR_IOPM_2_20180723T080051_20180723T091803_C001  CS_OFFL_SIR_IOPM_2_20180723T080051_20180723T091803_C001  CS_OFFL_SIR_IOPM_2_20180723T080251_20180723T095838_C001  CS_OFFL_SIR_IOPM_2_20180723T1082251_20180723T095838_C001  CS_OFFL_SIR_IOPM_2_20180723T1082251_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T1082251_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T1082723T104205_C001  CS_OFFL_SIR_IOPM_2_20180723T11055_20180723T11220_C001  CS_OFFL_SIR_IOPM_2_20180723T112481_20180723T11230_C001  CS_OFFL_SIR_IOPM_2_20180723T112481_20180723T113724_C001  CS_OFFL_SIR_IOPM_2_20180723T112481_20180723T11315120_C001  CS_OFFL_SIR_IOPM_2_20180723T112481_20180723T1137235_C001  CS_OFFL_SIR_IOPM_2_20180723T112414_20180723T113725_C001  CS_OFFL_SIR_IOPM_2_20180723T112414_20180723T1137235_C001  CS_OFFL_SIR_IOPM_2_20180723T112414_20180723T113725_C001  CS_OFFL_SIR_IOPM_2_20180723T112414_20180723T113725_C001  CS_OFFL_SIR_IOPM_2_20180723T124140_20180723T13735_C001  CS_OFFL_SIR_IOPM_2_20180723T124140_20180723T13735_C001  CS_OFFL_SIR_IOPM_2_20180723T13030_20180723T13735_C001  CS_OFFL_SIR_IOPM_2_20180723T13333_D8180723T140152_C001  CS_OFFL_SIR_IOPM_2_2018			
CS_OFFL_SIR_IOPM_2_20180723T075002_20180723T081409_C010  CS_OFFL_SIR_IOPM_2_20180723T08005_20180723T081405_C010  CS_OFFL_SIR_IOPM_2_20180723T08005_20180723T081030_C010  CS_OFFL_SIR_IOPM_2_20180723T08005_20180723T081030_C010  CS_OFFL_SIR_IOPM_2_20180723T08005_20180723T08085_C010  CS_OFFL_SIR_IOPM_2_20180723T08005_20180723T08085_C010  CS_OFFL_SIR_IOPM_2_20180723T08005_20180723T08085_C010  CS_OFFL_SIR_IOPM_2_20180723T108013_C0180723T100844_C001  CS_OFFL_SIR_IOPM_2_20180723T108013_C0180723T100844_C001  CS_OFFL_SIR_IOPM_2_20180723T108013_C0180723T100845_C001  CS_OFFL_SIR_IOPM_2_20180723T108013_C0180723T104655_C001  CS_OFFL_SIR_IOPM_2_20180723T10430_C0180723T104655_C001  CS_OFFL_SIR_IOPM_2_20180723T10430_C0180723T104650_C001  CS_OFFL_SIR_IOPM_2_20180723T10430_C0180723T105652_C001  CS_OFFL_SIR_IOPM_2_20180723T104631_C0180723T105652_C001  CS_OFFL_SIR_IOPM_2_20180723T104631_C0180723T105652_C001  CS_OFFL_SIR_IOPM_2_20180723T104631_C0180723T105652_C001  CS_OFFL_SIR_IOPM_2_20180723T104631_C0180723T105652_C001  CS_OFFL_SIR_IOPM_2_20180723T105652_C001  CS_OFFL_SIR_IOPM_2_20180723T105662_C001  CS_OFFL_SIR_IOPM_2_20180723T105662_C001  CS_OFFL_SIR_IOPM_2_20180723T105662_C001  CS_OFFL			
CS_OFFL_SIR_IOPM_2_201807237108035_20180723710803_C001  Cs_OFFL_SIR_IOPM_2_20180723708056_20180723710803_C001  Cs_OFFL_SIR_IOPM_2_20180723708056_201807237109803_C001  Cs_OFFL_SIR_IOPM_2_201807237109251_201807237109555_C001  Cs_OFFL_SIR_IOPM_2_201807237109251_201807237109555_C001  Cs_OFFL_SIR_IOPM_2_20180723710931_20180723710944_C001  Cs_OFFL_SIR_IOPM_2_20180723710931_20180723710444_C001  Cs_OFFL_SIR_IOPM_2_20180723710931_20180723710445_C001  Cs_OFFL_SIR_IOPM_2_20180723710931_20180723710455_C001  Cs_OFFL_SIR_IOPM_2_20180723710931_20180723710455_C001  Cs_OFFL_SIR_IOPM_2_20180723710931_201807237105452_C001  Cs_OFFL_SIR_IOPM_2_20180723710931_201807237105452_C001  Cs_OFFL_SIR_IOPM_2_201807237112548_201807237112302_C001  Cs_OFFL_SIR_IOPM_2_201807237112548_201807237113724_C001  Cs_OFFL_SIR_IOPM_2_201807237112548_201807237113724_C001  Cs_OFFL_SIR_IOPM_2_201807237112548_201807237113734_C001  Cs_OFFL_SIR_IOPM_2_201807237112548_201807237113734_C001  Cs_OFFL_SIR_IOPM_2_201807237112548_2018072371137350_C001  Cs_OFFL_SIR_IOPM_2_201807237112542_C001  Cs_OFFL_SIR_IOPM_2_201807237112542_C001  Cs_OFFL_SIR_IOPM_2_201807237112542_C001  Cs_OFFL_SIR_IOPM_2_201807237112542_C001  Cs_OFFL_SIR_IOPM_2_201807237112542_C001  Cs_OFFL_SIR_IOPM_2_201807237112542_C001  Cs_OFFL_SIR_IOPM_2_201807237112542_C001  Cs_OFFL_SIR_IOPM_2_20180723711255_C001  Cs_OFFL_SIR_IOPM_2_20180723711241_201807237112357_C001  Cs_OFFL_SIR_IOPM_2_201807237112406_2018072371124551_C001  Cs_OFFL_SIR_IOPM_2_201807237112406_201807237113756_C001  Cs_OFFL_SIR_IOPM_2_201807237112406_201807237113756_C001  Cs_OFFL_SIR_IOPM_2_201807237114062_201807237113730_001  Cs_OFFL_SIR_IOPM_2_201807237130400_2018072371313726_C001  Cs_OFFL_SIR_IOPM_2_20180723713414206_2018072371341456_C001  Cs_OFFL_SIR_IOPM_2_20180723713414206_2018072371341456_C001  Cs_OFFL_SIR_IOPM_2_20180723713414206_2018072371341456_C001  Cs_OFFL_SIR_IOPM_2_20180723713414206_20180723713414500_10010  Cs_OFFL_SIR_IOPM_2_20180723713414206_20180723713414500_10010  Cs_OFFL_SIR_IOPM_2_20180723713414206_20180723713414500_10010			
CS_OFFL_SIR_IOPM_2_20180723T10405_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10465_C001  CS_OFFL_SIR_IOPM_2_20180723T10465_C001  CS_OFFL_SIR_IOPM_2_20180723T10465_C001  CS_OFFL_SIR_IOPM_2_20180723T10465_C001  CS_OFFL_SIR_IOPM_2_20180723T10465_C001  CS_OFFL_SIR_IOPM_2_20180723T10465_C001  CS_OFFL_SIR_IOPM_2_20180723T10465_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T104565_C001  CS_OFFL_SIR_IOPM_2_20180723T104565_C001  CS_OFFL_SIR_IOPM_2_20180723T104565_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T104551_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T104551_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T104551_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T104551_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T104551_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T104551_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T104551_C001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T1046_20180723T1045001  CS_OFFL_SIR_IOPM_2_20180723T100450001  CS_OFFL_SIR_IOPM_2_20180723T100450001  CS_OFFL_SIR_IOPM_2_20180723T100450001  CS_OFFL_SIR_IOPM_2_20180723T100450000000000000000000000000000			
CS_OFFL_SIR_IOPM_2_20180723T10935_20180723T14105_20180723T1255_C011  CS_OFFL_SIR_IOPM_2_20180723T1045_C001  CS_OFFL_SIR_IOPM_2_20180723T10455_C001  CS_OFFL_SIR_IOPM_2_20180723T1001000000000000000000000000000000000			
CS_OFFL_SIR_JOPM_2_20180723T109327_20180723T100944_C001  Ocean Range Averaging Status  Ocean Range Averaging Status  CS_OFFL_SIR_JOPM_2_20180723T109327_20180723T10455_C001  Ocean Range Averaging Status  CS_OFFL_SIR_JOPM_2_20180723T104331_20180723T105452_C001  Ocean Range Averaging Status  Ico Cean Range Averaging Status  Ico Cea			
CS_OFFL_SIR_IOPM_2_20180723T109813_20180723T109815_C0101			
Ocean Range Averaging Status  CS_OFFL_SIR_IOPM_2_20180723T104951_20180723T105452_C001  CS_OFFL_SIR_IOPM_2_20180723T104931_20180723T112302_C0001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T112502_C001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T112502_C001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T112502_C001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T112502_C001  CS_OFFL_SIR_IOPM_2_20180723T1241215120_C001  CS_OFFL_SIR_IOPM_2_20180723T124121257_C001  CS_OFFL_SIR_IOPM_2_20180723T123021_20180723T12557_C001  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T124550_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T1373002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T1373002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T144104_20180723T1373002_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T13002_20180723T13001_20180723T13001_20180723T13001_20180723T13000_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T13001_20180723T130001_20180723T13001_201807		0 0 0	
CS_OFFL_SIR_IOPM_2_20180723T104931_20180723T1105452_C001  CS_OFFL_SIR_IOPM_2_20180723T110553_20180723T1112302_C001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T112302_C001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T112152_C001  CS_OFFL_SIR_IOPM_2_20180723T112545_20180723T112153_C001  CS_OFFL_SIR_IOPM_2_20180723T12153_C001  CS_OFFL_SIR_IOPM_2_20180723T12410_20180723T12153_C001  CS_OFFL_SIR_IOPM_2_20180723T12410_20180723T12355_C001  CS_OFFL_SIR_IOPM_2_20180723T12410_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T12455_C001  CS_OFFL_SIR_IOPM_2_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133733_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T1313733_C001  CS_OFFL_SIR_IOPM_2_20180723T1313733_C001  CS_OFFL_SIR_IOPM_2_20180723T1313733_C001  CS_OFFL_SIR_IOPM_2_20180723T1313733_C001  CS_OFFL_SIR_IOPM_2_20180723T1313733_C001  CS_OFFL_SIR_IOPM_2_20180723T1313733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T1410129_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141500_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141500_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141500_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141500_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141500_C001  CS_OFFL_SIR_IOPM_2_20180723T14158_20180723T141500_C001  CS_OFFL_SIR_IOPM_2_20180723T141503_20180723T14400_C001  CS_OFFL_SIR_IOPM_2_20180723T140720_20180723T14400_C001  CS_OFFL_SIR_IOPM_2_20180723T140720_20180723T14400_			
CS_OFFL_SIR_IOPM_2_20180723T11053_20180723T112302_C001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T113724_C001  CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T115120_C001  CS_OFFL_SIR_IOPM_2_20180723T114651_20180723T115120_C001  CS_OFFL_SIR_IOPM_2_20180723T124165_20180723T12155_C001  CS_OFFL_SIR_IOPM_2_20180723T12707_20180723T12155_C001  CS_OFFL_SIR_IOPM_2_20180723T121341_20180723T121255_C001  CS_OFFL_SIR_IOPM_2_20180723T123122_0180723T1235_C001  CS_OFFL_SIR_IOPM_2_20180723T123021_20180723T123351_C001  CS_OFFL_SIR_IOPM_2_20180723T123021_20180723T12355_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124002_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T140102_C001  CS_OFFL_SIR_IOPM_2_20180723T131010_20180723T14102_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T14125_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141730_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T141656_C001  CS_OFFL_SIR_IOPM_2_20180723T141656_20180723T14656_C001  CS_OFFL_SIR_IOPM_2_20180723T140556_20180723T140500_C001  CS_OFFL_SIR_IOPM_2_20180723T150556_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T150556_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T150556_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T150556_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T150556_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_2		0 0 0	
CS_OFFL_SIR_IOPM_2_20180723T112548_20180723T113724_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T124651_20180723T15120_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.  CS_OFFL_SIR_IOPM_2_20180723T12341_20180723T122357_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T123021_20180723T123351_C001  CS_OFFL_SIR_IOPM_2_20180723T123021_20180723T123551_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T131725_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T13726_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T1333010_20180723T1373726_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.  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141029_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141733_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T14104207_20180723T144856_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T14			
CS_OFFL_SIR_IOPM_2_20180723T114651_20180723T115120_C001  Ocean Range Averaging Status  Fecords.  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 Ice Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging			
CS_OFFL_SIR_IOPM_2_20180723T120707_20180723T12153_C001  CS_OFFL_SIR_IOPM_2_20180723T121341_20180723T122357_C001  CS_OFFL_SIR_IOPM_2_20180723T121341_20180723T122357_C001  CS_OFFL_SIR_IOPM_2_20180723T123021_20180723T123351_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T12406_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T12400_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T12400_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T12400_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T12400_20180723T131725_C001  CS_OFFL_SIR_IOPM_2_20180723T1330310_20180723T131725_C001  CS_OFFL_SIR_IOPM_2_20180723T133733_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T14157_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141730_C001  CS_OFFL_SIR_IOPM_2_20180723T1450420_20180723T14456_C001  CS_OFFL_SIR_IOPM_2_20180723T1450450_20180723T14456_C001  CS_OFFL_SIR_IOPM_2_20180723T1450450_20180723T14456_C001  CS_OFFL_SIR_IOPM_2_20180723T1450450_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T1450450_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150930_20180723T150914_C001			records.
CS_OFFL_SIR_IOPM_2_20180723T121341_20180723T12235T_C001  CS_OFFL_SIR_IOPM_2_20180723T121341_20180723T123551_C001  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T131725_C001  CS_OFFL_SIR_IOPM_2_20180723T124000_20180723T131725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T131725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T13333_20180723T1340129_C001  CS_OFFL_SIR_IOPM_2_20180723T133733_20180723T1410129_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T1412027_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T144200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150356_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150311_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C001  CS_OFFL_SIR_IOPM_2_20180723T15025_200_C			
CS_OFFL_SIR_IOPM_2_20180723T123021_20180723T123351_C001  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124600_20180723T131725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133733_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T133733_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T1412027_20180723T144500_C001  CS_OFFL_SIR_IOPM_2_20180723T1442007_20180723T14456_C001  CS_OFFL_SIR_IOPM_2_20180723T1442007_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T15000_C001  CCS_OFFL_SIR_IO			records.
CS_OFFL_SIR_IOPM_2_20180723T124106_20180723T124551_C001  CS_OFFL_SIR_IOPM_2_20180723T124600_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T124600_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T13725_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133733_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141207_20180723T141730_C001  CS_OFFL_SIR_IOPM_2_20180723T141207_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T15001_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T15001_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15001_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15032_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15003_20180723T15000_C001  COCEAN Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more 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 Ra			records.
CS_OFFL_SIR_IOPM_2_20180723T124600_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T133726_C001  CS_OFFL_SIR_IOPM_2_20180723T133733_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T143720_C001  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T144566_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15020_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15023_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150014_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15002_20180723T150000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15000000000000000000000000000000000000			records.
CS_OFFL_SIR_IOPM_2_20180723T13010_20180723T130726_C001  CS_OFFL_SIR_IOPM_2_20180723T130733_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T14014_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T141730_C001  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T1443720_C001  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T1443720_C001  CS_OFFL_SIR_IOPM_2_20180723T144200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15003_20180723T15000_C001  CCS_OFFL_SIR_IOPM_2_20180723T15000_C001  CCS_OFF			records.
CS_OFFL_SIR_IOPM_2_20180723T13733_20180723T140129_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  CS_OFFL_SIR_IOPM_2_20180723T141104_20180723T141257_C001  Ice Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  Ice Range Averaging Status  The Ice Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T143720_C001  CS_OFFL_SIR_IOPM_2_20180723T14200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T144200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T153300_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T153300_C001  CCG_OFFL_SIR_IOPM_2_20180723T15023_20180723T153300_C001  CCG_OFFL_SIR_IOPM_2_20180723T15023_20180723T150300_C001  CCG_OFFL_SIR_IOPM_2_20180723T15023_20180723T150300_C001  CCG_OFFL_SIR_IOPM_2_20180723T15023_20180723T150300_C001  CCG_OFFL_SIR_IOPM_2_20180723T15023_20180723T150300_C001  CCG_OFFL_SIR_IOPM_2_20180723T15030000000000000000000000000000000000		Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180723T14104_20180723T14125T_C001  Ice Range Averaging Status  Ice Range Averaging Status Flag has been set for one or more records.  The loe Range Averaging Status Flag has been set for one or more records.  Ice Range Averaging Status  Ice Can Range Averaging Status  Ice Can Range Averaging Status  Ice Range Averaging Status	CS_OFFL_SIR_IOPM_2_20180723T133010_20180723T133726_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001  CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141732_C001  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T143720_C001  CS_OFFL_SIR_IOPM_2_20180723T14200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T144200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T153220_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T153220_20180723T154301_C001  CCS_OFFL_SIR_IOPM_2_20180723T153220_20180723T154301_C001  CCS_OFFL_SIR_IOPM_2_20180723T153200_20180723T154301_C001  CCS_OFFL_SIR_IOPM_2_20180723T154301_C001  CCS_OFFL_SIR_IOPM_2_20180723T154301_C001  CCS_OFFL_SIR_IOPM_2_20180723T154301_C001  CCS_OFFL_SIR_IOPM_2_2			records.
CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T1443720_C001  CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T144200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T1509014_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000_C001  CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T15000000000000000000000000000000000000		Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180723T144200_20180723T144856_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T153220_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T153200_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_	CS_OFFL_SIR_IOPM_2_20180723T141548_20180723T141733_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T153220_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T154301_C001  CS_OFFL_SIR_IOPM_2_20180723T1	CS_OFFL_SIR_IOPM_2_20180723T142027_20180723T143720_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180723T15023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T153220_20180723T152600_C001  CS_OFFL_SIR_IOPM_2_20180723T153220_20180723T154301_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.	CS_OFFL_SIR_IOPM_2_20180723T144200_20180723T144856_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T15200U_C001  Ocean Range Averaging Status  records.  The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPM_2_20180723T150456_20180723T150914_C001	Ice Range Averaging Status	records.
	CS_OFFL_SIR_IOPM_2_20180723T151023_20180723T152600_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_IOPM_2_20180723T153220_20180723T154301_C001	Ocean Range Averaging Status	

CS_OFFL_SIR_IOPM_2_20180723T154949_20180723T155212_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T155243_20180723T155706_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T155947_20180723T161348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T161528_20180723T163051_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T165217_20180723T165927_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T170050_20180723T170538_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T170825_20180723T172344_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T172735_20180723T173616_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T173931_20180723T180106_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T184020_20180723T190311_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T190653_20180723T190839_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T190940_20180723T191411_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T191908_20180723T194251_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T195104_20180723T195426_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T195506_20180723T195603_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T201411_20180723T202555_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T203133_20180723T204124_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T204856_20180723T205448_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T205737_20180723T212331_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T213348_20180723T213516_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T214714_20180723T222042_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T222803_20180723T223319_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T223706_20180723T223801_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T224000_20180723T224222_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T231046_20180723T231446_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T232503_20180723T233603_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180723T033906_20180723T034252_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180723T041835_20180723T042442_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180723T104806_20180723T104931_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180723T191411_20180723T191632_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180723T132527_20180723T132640_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180723T233604_20180723T233849_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

### 5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180723T001517_20180723T005037_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_20180723T005613_20180723T005846_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T005852_20180723T010303_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T010750_20180723T013354_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_20180723T013410_20180723T014140_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_20180723T014318_20180723T014526_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T015353_20180723T020820_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_20180723T021302_20180723T023002_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_20180723T023225_20180723T023744_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T023751_20180723T023757_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T023803_20180723T024006_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T024846\_20180723T030121\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T030335 20180723T032142 C001 more records Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T034253\_20180723T035224\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T035500\_20180723T040854\_C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T041150\_20180723T041655\_C001 Ice Backscatter Averaging Status records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T041702\_20180723T041713\_C001 Ice Backscatter Averaging Status records The SWH and Ocean Averaging Status Flags have been set for one or SWH Averaging Status, Ocean CS OFFL SIR IOPM 2 20180723T044449 20180723T044712 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T044834 20180723T045224 C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T053159\_20180723T054751\_C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T055146\_20180723T055611\_C001 Ice Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T060331\_20180723T062745\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T070232\_20180723T072657\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR IOPM 2 20180723T073004 20180723T073525 C001 Ice Backscatter Averaging Status records The SWH and Ocean Averaging Status Flags have been set for one or SWH Averaging Status, Ocean CS\_OFFL\_SIR\_IOPM\_2\_20180723T074236\_20180723T075326\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T075902\_20180723T081409\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T083035 20180723T083656 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T084056\_20180723T090631\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T090951\_20180723T091803\_C001 Ice Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T092251 20180723T095538 C001 **Backscatter Averaging Status** more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T100813\_20180723T100944\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T103927\_20180723T104455\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR IOPM 2 20180723T104931 20180723T105452 C001 Ice Backscatter Averaging Status records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T110153\_20180723T112302\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T112548 20180723T113724 C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T114651 20180723T115120 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T120707 20180723T121153 C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T121341\_20180723T122357\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T123021\_20180723T123351\_C001 Ice Backscatter Averaging Status records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T124106\_20180723T124551\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T124600 20180723T131725 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T133010\_20180723T133726\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T133733\_20180723T140129\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR IOPM 2 20180723T141104 20180723T141257 C001 Ice Backscatter Averaging Status records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T141548\_20180723T141733\_C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T142027\_20180723T143720\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T144200 20180723T144856 C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T150456\_20180723T150914\_C001 Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T151023 20180723T152600 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T153220 20180723T154301 C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T154949\_20180723T155212\_C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T155947\_20180723T161348\_C001 more records. Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T161528 20180723T163051 C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T165217\_20180723T165927\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T170050\_20180723T170538\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T170825\_20180723T172344\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T172735\_20180723T173616\_C001 Ice Backscatter Averaging Status records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR IOPM 2 20180723T173931 20180723T180106 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T184020\_20180723T190311\_C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_IOPM\_2\_20180723T190653\_20180723T190839\_C001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR IOPM 2 20180723T190940 20180723T191411 C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_IOPM\_2\_20180723T191908\_20180723T194251\_C001 Backscatter Averaging Status more records.

CS_OFFL_SIR_IOPM_2_20180723T195104_20180723T195426_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_20180723T195506_20180723T195603_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_20180723T201411_20180723T202555_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_20180723T203133_20180723T204124_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_20180723T204856_20180723T205448_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T205737_20180723T212331_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_20180723T213348_20180723T213516_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_20180723T214714_20180723T222042_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_20180723T222803_20180723T223319_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180723T224000_20180723T224222_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_20180723T231046_20180723T231446_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_20180723T232503_20180723T233603_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_20180723T033906_20180723T034252_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_20180723T041835_20180723T042442_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_20180723T104806_20180723T104931_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180723T191411_20180723T191632_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_20180723T132527_20180723T132640_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_20180723T233604_20180723T233849_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).

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Number of products with errors:

## 6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180723T041709_20180723T050644_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

### 6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180722T231928_20180723T000904_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T000904_20180723T005842_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_220180723T005842_20180723T014817_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_220180723T014817_20180723T023755_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_220180723T023755_20180723T032731_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_220180723T032731_20180723T041709_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_220180723T041709_20180723T050644_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T050644_20180723T055623_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_220180723T055623_20180723T064558_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T064558_20180723T073536_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_220180723T073536_20180723T082512_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T082512_20180723T091450_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_220180723T091450_20180723T100425_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_220180723T100425_20180723T105403_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_220180723T105403_20180723T114339_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T114339_20180723T123317_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T123317_20180723T132252_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_220180723T132252_20180723T141230_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T141230_20180723T150206_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_220180723T150206_20180723T155144_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_220180723T155144_20180723T164119_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_220180723T164119_20180723T173058_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_220180723T173058_20180723T182033_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_220180723T182033_20180723T191011_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T191011_20180723T195947_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_220180723T195947_20180723T204925_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T204925_20180723T213900_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_220180723T213900_20180723T222839_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T222839_20180723T231814_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

### 6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180722T231928_20180723T000904_C002	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_220180723T000904_20180723T005842_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_220180723T005842_20180723T014817_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_220180723T014817_20180723T023755_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_220180723T023755_20180723T032731_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_220180723T032731_20180723T041709_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_220180723T041709_20180723T050644_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_220180723T050644_20180723T055623_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_220180723T055623_20180723T064558_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_220180723T064558_20180723T073536_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_220180723T073536_20180723T082512_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_220180723T082512_20180723T091450_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_220180723T091450_20180723T100425_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_20180723T100425_20180723T105403_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_20180723T105403_20180723T114339_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_20180723T114339_20180723T123317_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_20180723T123317_20180723T132252_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_20180723T132252_20180723T141230_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_20180723T141230_20180723T150206_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_20180723T150206_20180723T155144_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_20180723T155144_20180723T164119_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_20180723T164119_20180723T173058_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_20180723T173058_20180723T182033_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_20180723T182033_20180723T191011_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_20180723T191011_20180723T195947_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_20180723T195947_20180723T204925_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_20180723T204925_20180723T213900_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_20180723T213900_20180723T222839_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_220180723T222839_20180723T231814_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

# 6.8 P2P Ocean Retracking Quality Check

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180722T231928_20180723T000904_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T000904_20180723T005842_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T005842_20180723T014817_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T014817_20180723T023755_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T023755_20180723T032731_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T032731_20180723T041709_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T041709_20180723T050644_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T055623_20180723T064558_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T064558_20180723T073536_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T073536_20180723T082512_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T082512_20180723T091450_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T091450_20180723T100425_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T100425_20180723T105403_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T105403_20180723T114339_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T114339_20180723T123317_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T123317_20180723T132252_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T132252_20180723T141230_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T141230_20180723T150206_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T150206_20180723T155144_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T155144_20180723T164119_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T164119_20180723T173058_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T182033_20180723T191011_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T191011_20180723T195947_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
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CS_OFFL_SIR_IOP_220180723T195947_20180723T204925_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T204925_20180723T213900_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T213900_20180723T222839_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180723T222839_20180723T231814_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.