



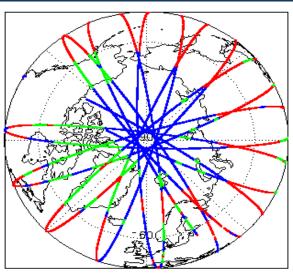
# 1. Overview

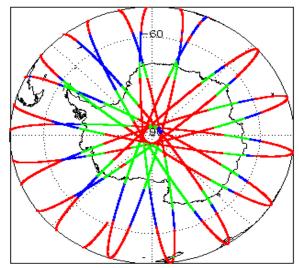
Report Production:	15-Jun-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

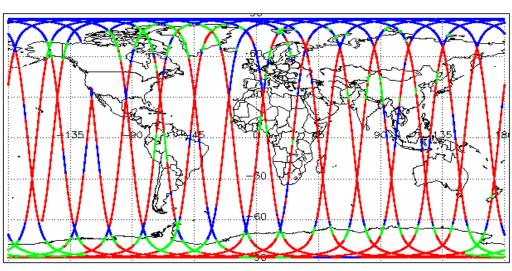
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary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

Mission / Instrument News		
11-Jun-2018	None	
12-Jun-2018	None	
13-Jun-2018	Nothing planned	

# 2. Global Coverage









# 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

# 4. IOP Level 1B Data Quality Check

## 4.1 L1B Product Format Check

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

Number of products with errors:

0

### 4.2 L1B Product Header Analysis

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

#### 4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180612T000252_20180612T000319_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20180612T142006_20180612T145355_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:

19

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180612T080029_20180612T080842_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180612T102044_20180612T104620_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180612T162126_20180612T163548_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180612T173852_20180612T175347_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180612T184944_20180612T190254_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180612T045847_20180612T050142_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180612T050148_20180612T050312_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180612T063945_20180612T064413_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180612T172306_20180612T172446_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180612T182648_20180612T182854_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180612T200137_20180612T200640_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T005121_20180612T005457_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T014631_20180612T015535_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T023012_20180612T023214_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T060423_20180612T060455_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T131559_20180612T132413_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T163548_20180612T164158_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T182457_20180612T182648_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180612T230448_20180612T230546_C001	Loss of Echo	The tracking echo is missing for one or more records

# 5. IOP Level 2 Data Quality Check

### 5.1 L2 Product Format Check

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

Number of products with errors:

#### 5.2 L2 Product Header Analysis

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

Number of products with errors:

0

### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

#### 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).

2

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.

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180612T000252_20180612T000319_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOPM_2_20180612T142006_20180612T145355_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.

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

Number of products with errors:

81

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180612T000401_20180612T000504_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180612T001752_20180612T005121_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T005812_20180612T010325_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T010705_20180612T010814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T010821_20180612T012435_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T014301_20180612T014426_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T015535_20180612T020624_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T020710_20180612T022502_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T022513_20180612T023012_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T023627_20180612T023812_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T023819_20180612T024231_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T024709_20180612T030644_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T030704_20180612T032007_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T032007_20180612T032104_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T033345_20180612T040926_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T041148_20180612T041711_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T041730_20180612T041947_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T042818_20180612T044045_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T044159_20180612T045847_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T050312_20180612T050405_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T052033_20180612T053144_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T053347_20180612T054824_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T055114_20180612T055609_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T060455_20180612T061001_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T062232_20180612T063509_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T071307_20180612T072726_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T073047_20180612T073523_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T074258_20180612T080026_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T080029_20180612T080842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T084214_20180612T090644_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T091458_20180612T091823_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T092147_20180612T093255_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T093826_20180612T094821_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T102044_20180612T104619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T104859_20180612T105350_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T105356_20180612T105726_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T110148_20180612T111209_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T111613_20180612T113528_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T114829_20180612T115102_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T122034_20180612T122204_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T122854_20180612T123419_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T124105_20180612T130224_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T130510_20180612T131559_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T132703_20180612T132955_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T134624_20180612T140346_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OPPL_SIP_UPML_20166612T149206_20166012T149305_0001  CS_OPPL_SIP_UPML_20166612T149206_20166012T159221_0001  CS_OPPL_SIP_UPML_20166612T159202_20166012T159221_0001  CS_OPPL_SIP_UPML_20166612T160120_20166012T159221_0001  CS_OPPL_SIP_UPML_20166612T160120_20166012T169261_0001  CS_OPPL_SIP_UPML_20166612T160120_20166012T160140_0001  CS_OPPL_SIP_UPML_20166612T160120_20166012T160140_0001  CS_OPPL_SIP_UPML_20166612T160120_20166012T160140_0001  CS_OPPL_SIP_UPML_20166612T160120_20166012T176020_0001  CS_OPPL_SIP_UPML_20166612T170140_20166012T176020_0001  CS_OPPL_SIP_UPML_20166612T170140_20166012T17600_0001  CS_OPPL_SIP_UPML_20166612T170140_0001  CS_OPPL_SIP_UPML_20166612T170140_0001  CS_OPPL_SIP_UPML_20166612T170140_0001  CS_OPPL_SIP_UPML_20166612T170140_0001  CS_OPPL_SIP_UPML_20166612T170140_0001  CS_OPPL_SIP_UPML_20166612T1701400_0001  CS_OPPL_SIP_UPML_20166612T1701400_0001  CS_OPPL_SIP_UPML_20166612T1701400_0001  CS_OPPL_SIP_UPML_20166612T1701400_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T1700000_0001  CS_OPPL_SIP_UPML_20166612T170000_0001  CS_OPPL_SIP_UPML_20166612T100000_0001  CS_OPPL_SIP_UPML_20166612T100000_00010001  CS_OPPL_SIP_UPML_20166612T100000_00010001  CS_OPPL_SIP_UPML_20166612T100000_00010001  CS_OPPL_SIP_UPML_20166612T100000_00010001  CS_OPPL_SIP_UPML_20166612T100000_000100010001  CS_OPPL_S	CS_OFFL_SIR_IOPM_2_20180612T140818_20180612T141317_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
Co. DFFL_SRI_COMPL_2.0100012710010_010012710044_C001  Co. DFFL_SRI_COMPL_2.0100012710010_010012710044_C001  Co. DFFL_SRI_COMPL_2.0100012710010_010012710044_C001  Co. DFFL_SRI_COMPL_2.0100012710010_010012710044_C001  Co. DFFL_SRI_COMPL_2.01000127100400_0100127100504_C001  Co. DFFL_SRI_COMPL_2.01000127100400_0100127100504_C001  Co. DFFL_SRI_COMPL_2.01000127100400_0100127100504_C001  Co. DFFL_SRI_COMPL_2.01000127100400_0100127100504_C001  Co. DFFL_SRI_COMPL_2.0100012717041_01000127170504_C001  Co. DFFL_SRI_COMPL_2.0100012717041_01000127170504_C001  Co. DFFL_SRI_COMPL_2.01000127170504_C001  Co. DFFL_SRI_COMPL_2.01000127105040_C001  Co. DFFL_SRI_COMPL_2.010	CS_OFFL_SIR_IOPM_2_20180612T142006_20180612T145355_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_OPM1_2_co1666127165262_co1666127165262_co10  Coen Range Averaging Status  The Coen Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_OPM2_201660127162163_co1666127165262_co10  Coen Range Averaging Status  The Coen Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_OPM2_201660127162163_co1666127176267_co10  Coen Range Averaging Status  The Lie Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_OPM2_201660127176273_co166127170207_co10  CS_OFFL_SIR_OPM2_201660127170202_co166127170207_co10  CS_OFFL_SIR_OPM2_201660127170202_co166127170207_co10  CS_OFFL_SIR_OPM2_201660127170202_co1660127170207_co10  CS_OFFL_SIR_OPM2_201660127170202_co1660127170207_co10  CS_OFFL_SIR_OPM2_201660127170202_co1660127170207_co10  CS_OFFL_SIR_OPM2_201660127170202_co1660127170207_co10  CS_OFFL_SIR_OPM2_201660127170202_co166012716007_co10  CS_OFFL_SIR_OPM2_201660127170202_co166012716007_co10  CS_OFFL_SIR_OPM2_201660127160012716007_co10  CS_OFFL_SIR_OPM2_201660127160	CS_OFFL_SIR_IOPM_2_20180612T151802_20180612T154054_C001	Ocean Range Averaging Status	
Over Narge Averaging Status  CS_OFFL_SR_(OFM_2_2018001271(4422_01801271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(4422_01801271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(4422_01801271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(922_018001271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(922_01801271(927_C001)  CS_OFFL_SR_(OFM_2_2018001271(922_01801271(922_01801271(928_01801271))  CS_OFFL_SR_(OFM_2_2018001271(922_01801271(922_01801271))  CS_OFFL_SR_(OFM_2_2018001271(922_01801271(922_01801271))  CS_OFFL_SR_(OFM_2_2018001271(922_0180127194022_001)  CS_OFFL_SR_(OFM_2_20180012710(92_018012720424_001)  CS_OFFL_SR_(OFM_2_20180012710(92_018012720424_001)  CS_OFFL_SR_(OFM_2_201800127204932_018012720424_001)  CS_OFFL_SR_(OFM_2_201800127204932_018012720424_001)  CS_OFFL_SR_(OFM_2_201800127204932_018012720493_001)  CS_OFFL_SR_(OFM_2_201800127204932_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720493_018012720493_001)  CS_OFFL_SR_(OFM_2_20180012720403_	CS_OFFL_SIR_IOPM_2_20180612T155029_20180612T155221_C001	Ice Range Averaging Status	
CS_OFFL_SR_OPM_2_20160612716428_20180012716790.001  CS_OFFL_SR_OPM_2_20160612716428_20180012717024_C001  CS_OFFL_SR_OPM_2_20160612716497_201808127179220_C001  CS_OFFL_SR_OPM_2_201606127170741_201808127179220_C001  CS_OFFL_SR_OPM_2_201606127170741_201808127179220_C001  CS_OFFL_SR_OPM_2_201606127170741_201808127179220_C001  CS_OFFL_SR_OPM_2_201606127170741_20180812717920_C001  CS_OFFL_SR_OPM_2_201606127170741_20180812717920_C001  CS_OFFL_SR_OPM_2_201606127170741_20180812717920_C001  CS_OFFL_SR_OPM_2_201606127170741_20180812717920_C001  CS_OFFL_SR_OPM_2_201606127170741_20180812717920_C001  CS_OFFL_SR_OPM_2_201606127170741_201808127170740_C001  CS_OFFL_SR_OPM_2_201606127170741_201808127190250_C001  CS_OFFL_SR_OPM_2_201606127170741_201808127190250_C001  CS_OFFL_SR_OPM_2_20160612718020_201806127190250_C001  CS_OFFL_SR_OPM_2_20160612719029_201806127190250_C001  CS_OFFL_SR_OPM_2_20160612719029_201806127190250_C001  CS_OFFL_SR_OPM_2_20160612719029_201806127190250_C001  CS_OFFL_SR_OPM_2_20160612719048_201808127190250_C001  CS_OFFL_SR_OPM_2_20160612719048_201808127190250_C001  CS_OFFL_SR_OPM_2_20160612719048_201808127204244_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204244_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204244_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_201808127204240_C001  CS_OFFL_SR_OPM_2_20160612730468_20180812720460_C001  CS_OFFL_SR_OPM_2_20160612730468_20180812720460_C001  CS_OFFL_SR_OPM_2_20160612730468_20180812720460_C001  CS_OFFL_SR_OPM_2_20160612730468_20180812720460_C001  CS_OFFL_SR_OPM_2_20160612730468_20180812720460_C001  CS_OFFL_SR_OPM_2_20160612730468_20180812720460_C00	CS_OFFL_SIR_IOPM_2_20180612T160001_20180612T161644_C001	Ocean Range Averaging Status	
CS_OFF_SIR_JOPM_2_2018051271947_20180512719527_0001  Ocean Range Averaging Status  Ocean Range Averaging Status  Ocean Range Averaging Status  CS_OFF_SIR_JOPM_2_201805127170741_20180512717520_0001  Ocean Range Averaging Status  CS_OFF_SIR_JOPM_2_201805127175220_201805127175305_0001  CS_OFF_SIR_JOPM_2_201805127175220_201805127175305_0001  Ocean Range Averaging Status  CS_OFF_SIR_JOPM_2_201805127175306_20180512718050_0001  Ocean Range Averaging Status  CS_OFF_SIR_JOPM_2_201805127175306_20180512718050_0001  Ocean Range Averaging Status  CS_OFF_SIR_JOPM_2_20180512718062_20180512718050_0001  Ocean Range Averaging Status  CS_OFF_SIR_JOPM_2_20180512718060_201805127180537_0001  CS_OFF_SIR_JOPM_2_20180512718060_201805127180537_0001  CS_OFF_SIR_JOPM_2_20180512718060_20180512710537_0001  CS_OFF_SIR_JOPM_2_20180512718060_20180512710530_0001  CS_OFF_SIR_JOPM_2_20180512718060_20180512710530_0001  CS_OFF_SIR_JOPM_2_20180512720540_2001  Ocean Range Averaging Status  CS_OFF_SIR_JOPM_2_20180512720540_2001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set fo	CS_OFFL_SIR_IOPM_2_20180612T162126_20180612T163548_C001	Ocean Range Averaging Status	
So CPFL_SRI_JOPM_2_201808127170741_201808127170352_C001  Osean Range Averaging Status  Fine Ocean Range Averaging Status	CS_OFFL_SIR_IOPM_2_20180612T164429_20180612T164719_C001	Ice Range Averaging Status	
CS_OFFL_SIR_JOPM_2_201808127173822_018081271754F_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127173648_20180812718549_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_20180812718348_201808127184342_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127184024_201808127184342_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127184024_201808127184342_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127194042_201808127194537_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127194059_201808127194537_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127194059_201808127194557_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127194059_201808127194557_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127204858_201808127194557_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127204858_201808127205358_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127205813_01808127205358_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127205813_01808127205358_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_201808127205813_0180812722582_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_20180812721408_20180812723408_COULD Cean Range Averaging Status Flag has been set for one or more records.  SC_OFFL_SIR_JOPM_2_20180812721408_20180812720480_COULD Cean Range Averaging Status Flag has been set for one or more reco	CS_OFFL_SIR_IOPM_2_20180612T164917_20180612T170527_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180612717585_20180612717595_0001  CS_OFFL_SIR_IOPM_2_20180612717585_20180612717595_0001  CS_OFFL_SIR_IOPM_2_20180612717584_201806127194022_0001  CS_OFFL_SIR_IOPM_2_2018061271803240_201806127194022_0001  CS_OFFL_SIR_IOPM_2_2018061271803240_201806127194022_0001  CS_OFFL_SIR_IOPM_2_201806127194024_201806127194022_0001  CS_OFFL_SIR_IOPM_2_201806127194024_201806127190255_0001  CS_OFFL_SIR_IOPM_2_201806127194024_201806127190255_0001  CS_OFFL_SIR_IOPM_2_201806127194024_201806127190355_0001  CS_OFFL_SIR_IOPM_2_201806127105092_001806127190355_0001  CS_OFFL_SIR_IOPM_2_201806127105092_001806127103405_0001  CS_OFFL_SIR_IOPM_2_201806127105092_001806127103405_0001  CS_OFFL_SIR_IOPM_2_201806127105092_001806127103405_0001  CS_OFFL_SIR_IOPM_2_201806127105092_001806127103405_0001  CS_OFFL_SIR_IOPM_2_201806127105092_001806127103405_0001  CS_OFFL_SIR_IOPM_2_201806127105092_0018061271020244_0001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020240_001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061271020001  CS_OFFL_SIR_IOPM_2_201806127105093_201806127105093_001001  CS_OFFL_SIR_IOPM_2_201806127105093_201806127000015_0001  CS_OFFL_SIR_IOPM_2_201806127105093_201806137000015_0001  CS_OFFL_SIR_IOPM_2_201806127105093_2018061370000015_0001  CS_OFFL_SIR_IOPM_2_201806127105093_20180613700000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180612T170741_20180612T172220_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_201806127193242_201806127190214_C001  Cean Range Averaging Status  CS_OFFL_SIR_IOPM_2_201806127193244_201806127190224_C001  CS_OFFL_SIR_IOPM_2_201806127194044_201806127190224_C001  CS_OFFL_SIR_IOPM_2_201806127190716_201806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127190716_201806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127190716_201806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127190716_201806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127190716_201806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127190716_201806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127120614_C001806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127120614_C001806127190524_C001  CS_OFFL_SIR_IOPM_2_201806127120614_C001806127120622_C001  CS_OFFL_SIR_IOPM_2_2018061271206383_2018061271205385_C001  CS_OFFL_SIR_IOPM_2_2018061271206383_201806127120522_C001  CS_OFFL_SIR_IOPM_2_2018061271206383_201806127120522_C001  CS_OFFL_SIR_IOPM_2_2018061271206383_201806127120522_C001  CS_OFFL_SIR_IOPM_2_2018061271206383_201806127120622_C001  CS_OFFL_SIR_IOPM_2_2018061271206383_201806127120622_C001  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120622_C0010  CS_OFFL_SIR_IOPM_2_201806127120612_C0010  CS_OFFL_SIR_IOPM_2_201806127120612_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127120602_C0010  CS_OFFL_SIR_IOPM_2_201806127104050205_C0010  CS_OFFL_SIR_IOPM_2_201806127104050205_C0010  CS_OFFL_SIR_IOPM_2_201806127104050205_C0010  CS_OFFL_SIR_IOPM_2_201806127104050205_C0010  CS_OFFL_SIR_IOPM_2_201806127104050205_C0010	CS_OFFL_SIR_IOPM_2_20180612T173220_20180612T173636_C001	Ice Range Averaging Status	
CS_OFFL_SIR_LOPM_2_20180612T183942_20180612T184342_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one or more exords.  The Ocean Range Averaging Status Flag has been set for one	CS_OFFL_SIR_IOPM_2_20180612T173852_20180612T175347_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180612T184024_20180612T184342_CO01  Ocean Range Averaging Status  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status Flag has been set for one or more records.  The Cocan Range Averaging Status F	CS_OFFL_SIR_IOPM_2_20180612T175548_20180612T180510_C001	Ocean Range Averaging Status	
CS_OFF_SIR_IOPM_2_20180812T19494_20180812T1953F_C001  CS_OFF_SIR_IOPM_2_20180812T1940812T19153F_C001  CS_OFF_SIR_IOPM_2_20180812T191809_20180812T19153F_C001  CS_OFF_SIR_IOPM_2_20180812T191809_20180812T19153F_C001  CS_OFF_SIR_IOPM_2_20180812T191809_20180812T193455_C001  CS_OFF_SIR_IOPM_2_20180812T191809_20180812T193455_C001  CS_OFF_SIR_IOPM_2_20180812T191809_20180812T204244_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range A	CS_OFFL_SIR_IOPM_2_20180612T183246_20180612T184022_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180812T199718_020180812T191537_C001  CS_OFFL_SIR_IOPM_2_20180812T19190718_020180812T191537_C001  CS_OFFL_SIR_IOPM_2_20180812T191809_20180812T193455_C001  CS_OFFL_SIR_IOPM_2_20180812T20841_20180812T204244_C001  CS_OFFL_SIR_IOPM_2_20180812T208458_20180812T204234_C001  CS_OFFL_SIR_IOPM_2_20180812T208458_20180812T204234_C001  CS_OFFL_SIR_IOPM_2_20180812T215528_20180812T205358_C001  CS_OFFL_SIR_IOPM_2_20180812T215528_20180812T205252_C001  CS_OFFL_SIR_IOPM_2_20180812T215528_20180812T22225_C001  CS_OFFL_SIR_IOPM_2_20180812T215528_20180812T222218_C001  CS_OFFL_SIR_IOPM_2_20180812T215528_20180812T222218_C001  CS_OFFL_SIR_IOPM_2_20180812T215528_20180812T22218_C001  CS_OFFL_SIR_IOPM_2_20180812T21302_20180812T22218_C001  CS_OFFL_SIR_IOPM_2_20180812T223800_20180812T222340_C001  CS_OFFL_SIR_IOPM_2_20180812T233042_C001  CS_OFFL_SIR_IOPM_2_20180812T233042_C001  CS_OFFL_SIR_IOPM_2_20180812T233042_C001  CS_OFFL_SIR_IOPM_2_20180812T233042_C001  CS_OFFL_SIR_IOPM_2_20180812T234042_20180812T230447_C001  CS_OFFL_SIR_IOPM_2_20180812T23042_C0080812T230447_C001  CS_OFFL_SIR_IOPM_2_20180812T23042_C0080812T230447_C001  CS_OFFL_SIR_IOPM_2_20180812T104558_20180812T044552_C001  CS_OFFL_SIR_IOPM_2_20180812T04558_20180812T046325_C001  CS_OFFL_SIR_IOPM_2_20180812T044558_20180812T046325_C001  CS_OFFL_SIR_IOPM_2_20180812T1044558_20180812T0430300_C001  CS_OFFL_SIR_IOPM_2_20180812T1044085_20180812T020710_C001  CS_OFFL_SIR_IOPM_2_20180812T164582_30180812T082035_C001  CS_OFFL_SIR_IOPM_2_20180812T164582_30180812T082035_C001  CS_OFFL_SIR_IOPM_2_20180812T164582_30180812T10430300_C001  CS_OFFL_SIR_IOPM_2_20180812T145823_20180812T10430300_C001  CS_OFFL_SIR_IOPM_2_20180812T145823_20180812T10430300_C001  CS_OFFL_SIR_IOPM_2_20180812T145823_20180812T1808012T0430300_C001  CS_OFFL_SIR_IOPM_2_20180812T145823_20180812T1808012T0430300_C001  CS_OFFL_SIR_IOPM_2_20180812T145823_20180812T1808012T0430300_C001  CS_OFFL_SIR_IOPM_2_20180812T145823_20180812T10430300_C001  CS_OFFL_SIR_IOPM_2_20180812T145823_20180812T10430300_C001  CS_OFFL_SIR_IOPM_2_201	CS_OFFL_SIR_IOPM_2_20180612T184024_20180612T184342_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_JOPM_2_201806127191809_20180612719345_C001  Ocean Range Averaging Status  Fecords.  CS_OFFL_SIR_JOPM_2_201806127204824_C001  Ocean Range Averaging Status  Ice Cocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Status Flag has been set for one or more records.  In the Ocean Range Averaging Stat	CS_OFFL_SIR_IOPM_2_20180612T184944_20180612T190254_C001	Ocean Range Averaging Status	records.
Cean Range Averaging Status  CS_OFFL_SIR_IOPM_2_20180612T204842_40010  CS_OFFL_SIR_IOPM_2_20180612T204865_20180612T20558_C001  CS_OFFL_SIR_IOPM_2_20180612T20586_20180612T20558_C001  CS_OFFL_SIR_IOPM_2_20180612T205813_20180612T205252_C001  CS_OFFL_SIR_IOPM_2_20180612T20582_20180612T20522_C001  CS_OFFL_SIR_IOPM_2_20180612T20582_20180612T20522_C001  CS_OFFL_SIR_IOPM_2_20180612T2052052_C001  CS_OFFL_SIR_IOPM_2_20180612T2052052_C001  CS_OFFL_SIR_IOPM_2_20180612T2052052_C001  CS_OFFL_SIR_IOPM_2_20180612T2052052_C001  CS_OFFL_SIR_IOPM_2_20180612T2052052_C001  CS_OFFL_SIR_IOPM_2_20180612T2052052_C001  CS_OFFL_SIR_IOPM_2_20180612T2053640_20180612T205240_C001  CS_OFFL_SIR_IOPM_2_20180612T2053640_20180612T2054047_C001  CS_OFFL_SIR_IOPM_2_20180612T205406_20180612T2054047_C001  CS_OFFL_SIR_IOPM_2_20180612T205406_20180612T205406_C001  CS_OFFL_SIR_IOPM_2_20180612T205406_20180612T05406_C001  CS_OFFL_SIR_IOPM_2_20180612T05406_20180612T05406_C001  CS_OFFL_SIR_IOPM_2_20180612T05406_20180612T05406_C001  CS_OFFL_SIR_IOPM_2_20180612T0556_C001  CS_OFFL_SIR_IOPM_2_20180612T0556_	CS_OFFL_SIR_IOPM_2_20180612T190716_20180612T191537_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180612T205858_20180612T205258_CO01  CS_OFFL_SIR_IOPM_2_20180612T205813_20180612T205252_CO01  CS_OFFL_SIR_IOPM_2_20180612T205813_20180612T205222_CO01  CS_OFFL_SIR_IOPM_2_20180612T215528_20180612T205222_CO01  CS_OFFL_SIR_IOPM_2_20180612T22582_0180612T220522_CO01  CS_OFFL_SIR_IOPM_2_20180612T222110_20180612T222118_CO01  CS_OFFL_SIR_IOPM_2_20180612T222110_20180612T222420_CO01  CS_OFFL_SIR_IOPM_2_20180612T22220_20180612T223420_CO01  CS_OFFL_SIR_IOPM_2_20180612T222360_20180612T223420_CO01  CS_OFFL_SIR_IOPM_2_20180612T22340_CO01  CS_OFFL_SIR_IOPM_2_20180612T230447_CO01  CS_OFFL_SIR_IOPM_2_20180612T230447_CO01  CS_OFFL_SIR_IOPM_2_20180612T230447_CO01  CS_OFFL_SIR_IOPM_2_20180612T231408_CO01  CS_OFFL_SIR_IOPM_2_20180612T231402_20180612T231408_CO01  CS_OFFL_SIR_IOPM_2_20180612T231402_20180613T000015_CO01  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014531_CO01  CS_OFFL_SIR_IOPM_2_20180612T0145453_20180612T014531_CO01  CS_OFFL_SIR_IOPM_2_20180612T108143_20180612T0180612T050225_CO01  CS_OFFL_SIR_IOPM_2_20180612T108143_20180612T0180612T050225_CO01  CS_OFFL_SIR_IOPM_2_20180612T008143_20180612T014501_CO01  CS_OFFL_SIR_IOPM_2_20180612T008143_20180612T014501_CO01  CS_OFFL_SIR_IOPM_2_20180612T008143_20180612T014501_CO01  CS_OFFL_SIR_IOPM_2_20180612T008143_20180612T014501_CO01  CS_OFFL_SIR_IOPM_2_20180612T014045_20180612T014001_CO01  CS_OFFL_SIR_IOPM_2_20180612T014045_20180612T014001_CO01  CS_OFFL_SIR_IOPM_2_20180612T014045_20180612T014001_CO01  CS_OFFL_SIR_IOPM_2_20180612T014045_20180612T001001_CO01  CS_OFFL_SIR_IOPM_2_20180612T014045_20180612T003000_CO01  CS_OFFL_SIR_IOPM_2_20180612T0302608_20180612T003000_CO01  CCS_OFFL_SIR_IOPM_2_20180612T0302608_20180612T003000_CO01  CCS_OFFL_SIR_IOPM_2_20180612T154752_20180612T003000_CO01  CCS_OFFL_SIR_IOPM_2_20180612T0302608_20180612T003000_CO01  CCS_OFFL_SIR_IOPM_2_20180612T145623_20180612T003000_CO01  CCS_OFFL_SIR_IOPM_2_20180612T145623_20180612T003000_CO01  CCCOMARNAGE Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The	CS_OFFL_SIR_IOPM_2_20180612T191809_20180612T193455_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180612T205631_20180612T2122EC_CO01  CS_OFFL_SIR_IOPM_2_20180612T205631_20180612T2122EC_CO01  CS_OFFL_SIR_IOPM_2_20180612T215528_20180612T222518_CO01  CS_OFFL_SIR_IOPM_2_20180612T21100_20180612T22118_CO01  CS_OFFL_SIR_IOPM_2_20180612T221100_20180612T222118_CO01  CS_OFFL_SIR_IOPM_2_20180612T222502_C0180612T222340_CO01  CS_OFFL_SIR_IOPM_2_20180612T222502_C0180612T22340_CO01  CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T230447_CO01  CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T230447_CO01  CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_CO01  CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T031000015_CO01  CS_OFFL_SIR_IOPM_2_20180612T231404_C001  CS_OFFL_SIR_IOPM_2_20180612T031658_20180613T000015_CO01  CS_OFFL_SIR_IOPM_2_20180612T031658_20180612T014631_CO01  CS_OFFL_SIR_IOPM_2_20180612T031658_20180612T03235_CO01  CS_OFFL_SIR_IOPM_2_20180612T031658_20180612T03235_CO01  CS_OFFL_SIR_IOPM_2_20180612T031658_20180612T03235_CO01  CS_OFFL_SIR_IOPM_2_20180612T031658_20180612T030303_CO01  CS_OFFL_SIR_IOPM_2_20180612T03208_20180612T030303_CO01  CS_OFFL_SIR_IOPR_2_20180612T03208_20180612T030303_CO01  CS_OFFL_SIR_IOPR_2_20180612T1030303_CO01  CS_OFFL_SIR_IOPR_2_20180612T130562_20180612T030303_CO01  CS_OFFL_SIR_IOPR_2_20180612T130562_20180612T105039_CO01  CS_OFFL_SIR_IOPR_2_20180612T1305623_20180612T030303_CO01  CS_OFFL_SIR_IOPR_2_20180612T1305623_20180612T10503030_CO01  CS_OFFL_SIR_IOPR_2_20180612T1305623_20180612T030303_CO01  CS_OFFL_SIR_IOPR_2_20180612T1305623_20180612T150311_CO01  CCean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has bee	CS_OFFL_SIR_IOPM_2_20180612T201641_20180612T204244_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180612T215528_20180612T22252C_CO01  CS_OFFL_SIR_IOPM_2_20180612T215528_20180612T22252C_CO01  CS_OFFL_SIR_IOPM_2_20180612T225282_20180612T222420_CO01  CS_OFFL_SIR_IOPM_2_20180612T222820_20180612T223420_CO01  CS_OFFL_SIR_IOPM_2_20180612T2232820_20180612T223420_CO01  CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T23440F_CO01  CS_OFFL_SIR_IOPM_2_20180612T233640_20180612T234047_CO01  CS_OFFL_SIR_IOPM_2_20180612T233640_20180612T23408_CO01  CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_CO01  CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_CO01  CS_OFFL_SIR_IOPM_2_20180612T231408_CO01  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_CO01  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_CO01  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T0142001  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T0142001  CS_OFFL_SIR_IOPM_2_20180612T014552_20180612T014001  CS_OFFL_SIR_IOPM_2_20180612T014052_20180612T014001  CS_OFFL_SIR_IOPM_2_20180612T014052_20180612T014001  CS_OFFL_SIR_IOPM_2_20180612T014052_20180612T014001  CS_OFFL_SIR_IOPM_2_20180612T014052_20180612T014001  CS_OFFL_SIR_IOPM_2_20180612T014052_20180612T014301_CO01  CS_OFFL_SIR_IOPR_2_20180612T014052_20180612T014301_CO01  CS_OFFL_SIR_IOPR_2_20180612T014052_20180612T014301_CO01  CS_OFFL_SIR_IOPR_2_20180612T014052_20180612T014301_CO01  CS_OFFL_SIR_IOPR_2_20180612T014052_20180612T014301_CO01  CS_OFFL_SIR_IOPR_2_20180612T014052_20180612T010010  CCS_OFFL_SIR_IOPR_2_20180612T014052_20180612T010010  CCS_OFFL_SIR_IOPR_2_20180612T000624_20180612T030300_CO01  CCS_OFFL_SIR_IOPR_2_20180612T000624_20180612T030300_CO01  CCS_OFFL_SIR_IOPR_2_20180612T100612T15000110  CCCCARR Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or m	CS_OFFL_SIR_IOPM_2_20180612T204858_20180612T205358_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180612T22100_20180612T222118_C001  CS_OFFL_SIR_IOPM_2_20180612T222820_20180612T222420_C001  CS_OFFL_SIR_IOPM_2_20180612T222820_20180612T223420_C001  CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T223420_C001  CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T231408_C001  CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_C001  CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_C001  CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T0145752_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T0145752_20180612T014301_C001  CS_OFFL_SIR_IOPM_2_20180612T014045_20180612T0150029_C001  CS_OFFL_SIR_IOPM_2_20180612T014045_20180612T0001  CS_OFFL_SIR_IOPM_2_20180612T00000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20180612T205813_20180612T212228_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180612T222820_20180612T223420_C001  Lee Range Averaging Status  The loce Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag	CS_OFFL_SIR_IOPM_2_20180612T215528_20180612T220522_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T233404_C001  Cs_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_C001  Cs_OFFL_SIR_IOPM_2_20180612T231042_20180613T000015_C001  Cs_OFFL_SIR_IOPM_2_20180612T232719_20180613T000015_C001  Cs_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  Cs_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  Cs_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  Cs_OFFL_SIR_IOPM_2_20180612T081843_20180612T03235_C001  Cs_OFFL_SIR_IOPM_2_20180612T081843_20180612T03235_C001  Cs_OFFL_SIR_IOPM_2_20180612T04045_20180612T155029_C001  Cs_OFFL_SIR_IOPM_2_20180612T014045_20180612T014301_C001  Cs_OFFL_SIR_IOPM_2_20180612T014045_20180612T014301_C001  Cs_OFFL_SIR_IOPM_2_20180612T014045_20180612T014301_C001  Cs_OFFL_SIR_IOPM_2_20180612T032608_20180612T0001  Cs_OFFL_SIR_IOPM_2_20180612T032608_20180612T030300_C001  Cs_OFFL_SIR_IOPM_2_20180612T154752_20180612T032608_20180612T030300_C001  Ccan Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Avera	CS_OFFL_SIR_IOPM_2_20180612T221100_20180612T222118_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_C001  CS_OFFL_SIR_IOPM_2_20180612T232719_20180613T000015_C001  CS_OFFL_SIR_IOPM_2_20180612T232719_20180613T000015_C001  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T014558_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T081843_20180612T014631_C001  CS_OFFL_SIR_IOPM_2_20180612T081843_20180612T082235_C001  CS_OFFL_SIR_IOPM_2_20180612T081843_20180612T082235_C001  CS_OFFL_SIR_IOPM_2_20180612T154752_20180612T155029_C001  CS_OFFL_SIR_IOPM_2_20180612T154752_20180612T155029_C001  CS_OFFL_SIR_IOPM_2_20180612T04045_20180612T04301_C001  CS_OFFL_SIR_IOPM_2_20180612T04045_20180612T04301_C001  CS_OFFL_SIR_IOPM_2_20180612T020624_20180612T020710_C001  CS_OFFL_SIR_IOPM_2_20180612T020624_20180612T033030_C001  CS_OFFL_SIR_IOPM_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPM_2_20180612T145623_20180612T15911_C001  CS_OFFL_SIR_IOPM_2_20180612T145623_20180612T15911_C001  CCEAR Range Averaging Status  CCEAR Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status 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 Averag	CS_OFFL_SIR_IOPM_2_20180612T222820_20180612T223420_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180612T237149_20180613T000015_C001  CS_OFFL_SIR_IOPM_2_20180612T04558_20180612T014631_C001  CS_OFFL_SIR_IOPN_2_20180612T04558_20180612T082235_C001  CS_OFFL_SIR_IOPN_2_20180612T081843_20180612T082235_C001  CS_OFFL_SIR_IOPN_2_20180612T154752_20180612T155029_C001  CS_OFFL_SIR_IOPN_2_20180612T154752_20180612T014301_C001  CS_OFFL_SIR_IOPN_2_20180612T04045_20180612T014301_C001  CS_OFFL_SIR_IOPN_2_20180612T04045_20180612T014301_C001  CS_OFFL_SIR_IOPN_2_20180612T032608_20180612T020710_C001  CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T181757_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T213650_20180612T23360_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T130550_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180	CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T230447_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPN_2_20180612T014558_20180612T014631_C001  CS_OFFL_SIR_IOPN_2_20180612T081843_20180612T082235_C001  CS_OFFL_SIR_IOPN_2_20180612T081843_20180612T082235_C001  CS_OFFL_SIR_IOPN_2_20180612T081843_20180612T082235_C001  CS_OFFL_SIR_IOPN_2_20180612T154752_20180612T155029_C001  Loe Range Averaging Status  The Ocean 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.  The Ocean 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.  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 b	CS_OFFL_SIR_IOPM_2_20180612T231042_20180612T231408_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPN_2_20180612T081843_20180612T082235_C001  CS_OFFL_SIR_IOPN_2_20180612T154752_20180612T155029_C001  CS_OFFL_SIR_IOPN_2_20180612T154752_20180612T155029_C001  CS_OFFL_SIR_IOPR_2_20180612T04045_20180612T04301_C001  CS_OFFL_SIR_IOPR_2_20180612T020624_20180612T020710_C001  CS_OFFL_SIR_IOPR_2_20180612T020624_20180612T020710_C001  CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T123651_20180612T181954_C001  CCEAN Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180612T232719_20180613T000015_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPN_2_20180612T154752_20180612T155029_C001  CS_OFFL_SIR_IOPN_2_20180612T154752_20180612T014301_C001  CS_OFFL_SIR_IOPR_2_20180612T014045_20180612T014301_C001  CS_OFFL_SIR_IOPR_2_20180612T020624_20180612T020710_C001  CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T181757_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T233651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_IOPN_2_20180612T014558_20180612T014631_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPR_2_20180612T014045_20180612T014301_C001  CS_OFFL_SIR_IOPR_2_20180612T020624_20180612T020710_C001  CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T181757_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T13551_20180612T14582_C001  CS_OFFL_SIR_IOPR_2_20180612T13551_20180612T1214158_C001  CS_OFFL_SIR_IOPR_2_20180612T23550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CC=AR Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPN_2_20180612T081843_20180612T082235_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPR_2_20180612T020624_20180612T020710_C001  CS_OFFL_SIR_IOPR_2_20180612T020624_20180612T0303030_C001  CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T181757_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T233650_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CCean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean 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_IOPN_2_20180612T154752_20180612T155029_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T181757_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T181757_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T1213651_20180612T1214158_C001  CS_OFFL_SIR_IOPR_2_20180612T23550_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T23550_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001	CS_OFFL_SIR_IOPR_2_20180612T014045_20180612T014301_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001  CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23350_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_	CS_OFFL_SIR_IOPR_2_20180612T020624_20180612T020710_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPR_2_20180612T143623_20180612T181954_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T214158_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T223640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233550_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T233640_C001  CS_OFFL_SIR_IOPR_2_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T23640_C001  CS_OFFL_SIR_IOPR_2_20180612T23640_C001  CS_OFFL	CS_OFFL_SIR_IOPR_2_20180612T032608_20180612T033030_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPR_2_20180612T181557_20180612T181954_C001  Ocean Range Averaging Status  records.  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001  Ocean Range Averaging Status  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPR_2_20180612T145623_20180612T150311_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPR_2_201006121213051_201006121214135_C001  Ocean Range Averaging Status  records.  The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPR_2_20180612T181757_20180612T181954_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_IOPR_2_20180612T213651_20180612T214158_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_IOPR_2_20180612T223550_20180612T223640_C001	Ocean Range Averaging Status	

### 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_20180612T000401_20180612T000504_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
	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_20180612T005812_20180612T010325_C001	lice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS OFFE SIR IOPM 2 201806121014301 201806121014426 C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T015535_20180612T020624_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_20180612T020710_20180612T022502_C001	0 0	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS OFFL SIR IOPM 2 20180612T022513 20180612T023012 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180612T023627_20180612T023812_C001	Backscatter Averaging Status  Ice Backscatter Averaging Status	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T023819_20180612T024231_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFFL SIR IOPM 2 20180612T024709 20180612T030644 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180612T030704_20180612T032007_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180612T032007_20180612T032104_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR IOPM 2 20180612T033345 20180612T040926 C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180612T041148_20180612T041711_C001	Ice Backscatter Averaging Status	records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180612T041730_20180612T041947_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180612T042818_20180612T044045_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180612T044159_20180612T045847_C001	Backscatter Averaging Status	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180612T050312_20180612T050405_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180612T052033_20180612T053144_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.  The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20180612T053347_20180612T054824_C001	Backscatter Averaging Status	more records.  The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20180612T055114_20180612T055609_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20180612T060455_20180612T061001_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_20180612T062232_20180612T063509_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_20180612T071307_20180612T072726_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_20180612T073047_20180612T073523_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T074258_20180612T080026_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_20180612T080029_20180612T080842_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_20180612T084214_20180612T090644_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_20180612T091050_20180612T091436_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T091458_20180612T091823_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T092147_20180612T093255_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_20180612T093826_20180612T094821_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_20180612T102044_20180612T104619_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_20180612T104859_20180612T105350_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T105356_20180612T105726_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T110148_20180612T111209_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_20180612T111613_20180612T113528_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_20180612T114829_20180612T115102_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_20180612T122034_20180612T122204_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_20180612T122854_20180612T123419_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T124105_20180612T130224_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_20180612T130510_20180612T131559_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_20180612T132703_20180612T132955_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_20180612T134624_20180612T140346_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_20180612T140818_20180612T141317_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T142006_20180612T145355_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_20180612T151802_20180612T154054_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_20180612T155029_20180612T155221_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T160001_20180612T161644_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_20180612T162126_20180612T163548_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_20180612T164429_20180612T164719_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T164917_20180612T170527_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_20180612T170741_20180612T172220_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_20180612T172923_20180612T173133_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T173220_20180612T173636_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T173852_20180612T175347_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_20180612T175548_20180612T180510_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	Sacrocation Averaging Status	priore records.

CS_OFFL_SIR_IOPM_2_20180612T183246_20180612T184022_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_20180612T184944_20180612T190254_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_20180612T190716_20180612T191537_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T191809_20180612T193455_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_20180612T193651_20180612T193918_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_20180612T201641_20180612T204244_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_20180612T204858_20180612T205358_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T205813_20180612T212228_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_20180612T215528_20180612T220522_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_20180612T2211100_20180612T222118_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_20180612T222820_20180612T223420_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180612T223640_20180612T230447_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_20180612T231042_20180612T231408_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_20180612T232719_20180613T000015_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_20180612T014558_20180612T014631_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_20180612T081843_20180612T082235_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_20180612T154752_20180612T155029_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180612T014045_20180612T014301_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_20180612T020624_20180612T020710_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_20180612T032608_20180612T033030_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_20180612T145623_20180612T150311_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_20180612T181757_20180612T181954_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_20180612T213651_20180612T214158_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_20180612T223550_20180612T223640_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: 0

## 6.4 P2P Auxiliary Correction Error Check

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

Number of products with errors:

0

52

#### 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_220180611T231942_20180612T000922_C003	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOP_220180612T141244_20180612T150224_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.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180611T231942_20180612T000922_C003	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T000922_20180612T005856_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T005856_20180612T014835_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_220180612T014835_20180612T023809_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T023809_20180612T032749_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T032749_20180612T041723_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_220180612T041723_20180612T050702_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T050702_20180612T055636_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_220180612T055636_20180612T064616_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_220180612T064616_20180612T073550_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_220180612T073550_20180612T082529_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_220180612T082529_20180612T091504_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_220180612T091504_20180612T100443_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T100443_20180612T105417_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_220180612T105417_20180612T114357_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T114357_20180612T123331_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_220180612T123331_20180612T132310_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T132310_20180612T141244_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_220180612T141244_20180612T150224_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T150224_20180612T155158_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T155158_20180612T164137_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T164137_20180612T173111_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_220180612T173111_20180612T182051_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_220180612T182051_20180612T191025_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_220180612T191025_20180612T200005_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_220180612T200005_20180612T204939_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_220180612T204939_20180612T213918_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T213918_20180612T222852_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T222852_20180612T231832_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_220180612T231832_20180613T000806_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

# 6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180611T231942_20180612T000922_C003		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180612T000922_20180612T005856_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_20180612T005856_20180612T014835_C001	Backscatter Averaging Status Ice	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180612T014835_20180612T023809_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_20180612T023809_20180612T032749_C001	IBackscatter Averaging Status Ice	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180612T032749_20180612T041723_C001	IBackscatter Averaging Status Ice	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180612T041723_20180612T050702_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOP_220180612T050702_20180612T055636_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_220180612T055636_20180612T064616_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_220180612T064616_20180612T073550_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_220180612T073550_20180612T082529_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_220180612T082529_20180612T091504_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_220180612T091504_20180612T100443_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_220180612T100443_20180612T105417_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_220180612T105417_20180612T114357_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_220180612T114357_20180612T123331_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_220180612T123331_20180612T132310_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_220180612T132310_20180612T141244_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_220180612T141244_20180612T150224_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_220180612T150224_20180612T155158_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_220180612T155158_20180612T164137_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_220180612T164137_20180612T173111_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_220180612T173111_20180612T182051_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_220180612T182051_20180612T191025_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_220180612T191025_20180612T200005_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_220180612T200005_20180612T204939_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_220180612T204939_20180612T213918_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_220180612T213918_20180612T222852_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_220180612T222852_20180612T231832_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_220180612T231832_20180613T000806_C002	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

# 6.8 P2P Ocean Retracking Quality Check

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180612T000922_20180612T005856_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T005856_20180612T014835_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T014835_20180612T023809_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T023809_20180612T032749_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T032749_20180612T041723_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T041723_20180612T050702_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T050702_20180612T055636_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T055636_20180612T064616_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T073550_20180612T082529_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T082529_20180612T091504_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T100443_20180612T105417_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T105417_20180612T114357_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180612T114357_20180612T123331_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220180612T123331_20180612T132310_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T132310_20180612T141244_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T141244_20180612T150224_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T150224_20180612T155158_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T155158_20180612T164137_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T164137_20180612T173111_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T173111_20180612T182051_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T182051_20180612T191025_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T191025_20180612T200005_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T200005_20180612T204939_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T204939_20180612T213918_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T213918_20180612T222852_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T222852_20180612T231832_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180612T231832_20180613T000806_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.