



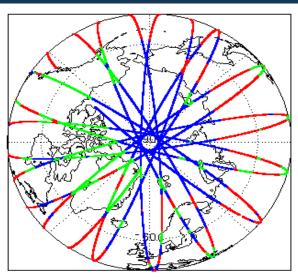
## 1. Overview

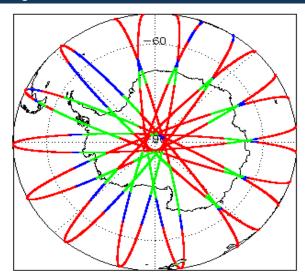
Report Production:	28-May-2019		
Processor Used:	CryoSat Ocean Processor		
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data		

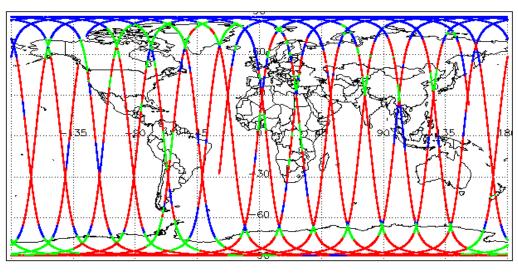
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	See Section 5.2	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

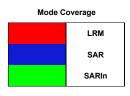
ı	Mission / Instrument News		
	25-Apr-2019	SIRAL unavailability on 25-Apr-2019 from approximately 03:29:00 to 06:52:10 and also from approximately 16:01:00 to 19:11:39 due to a planned roll campaign.	
	26-Apr-2019	None	
	27-Apr-2019	Nothing planned	

# 2. Global Coverage









# 3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

## 4. GOP Level 1B Data Quality Check

## 4.1 L1B Product Format Check

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

Number of products with errors:

0

## 4.2 L1B Product Header Analysis

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

#### 4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

#### 4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

### 4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

2

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190426T022956_20190426T023015_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20190426T152912_20190426T153015_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

### 4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

24

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20190426T020922_20190426T022141_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190426T134742_20190426T135712_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20190426T184527_20190426T191258_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T002024_20190426T002443_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T020208_20190426T020436_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T082826_20190426T082916_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T083056_20190426T083156_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T115014_20190426T115130_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T124500_20190426T124643_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T132907_20190426T133043_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T150529_20190426T150931_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T200041_20190426T200206_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20190426T223233_20190426T223347_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T020701_20190426T020922_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T033227_20190426T033839_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T064811_20190426T065955_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T083157_20190426T083944_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T100852_20190426T101112_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T124643_20190426T125344_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T143254_20190426T143550_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T150158_20190426T150420_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T183411_20190426T183638_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T200414_20190426T201025_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20190426T202159_20190426T202254_C001	Loss of Echo	The tracking echo is missing for one or more records

## 5. GOP Level 2 Data Quality Check

### 5.1 L2 Product Format Check

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

Number of products with errors:

0

#### 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:

Product	Test Failed
CS_OFFL_SIR_GOPR_2_20190426T232004_20190426T232017_C001.DBL	Percentage of processing errors detected greater than minimum acceptable threshold.

### 5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

## 5.4 L2 Auxiliary Correction Error Check

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

#### 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190426T022956_20190426T023015_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20190426T152912_20190426T153015_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. 81

Number of products with errors:

Co. DPT_URL_COMPL_2.20100407100201_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407100201_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407101001_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407101001_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407101001_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407101001_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407100041_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407100041_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407100041_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407100041_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407100041_20100407101005_C010  Co. DPT_URL_COMPL_2.20100407100041_20100407100005_C010  Co. DPT_URL_COMPL_2.20100407100004_20100407100005_C010  Co. DPT_URL_COMPL_2.20100407100004_20100407100005_C010  Co. DPT_URL_COMPL_2.20100407100004_20100407100005_C010  Co. DPT_URL_COMPL_2.20100407100004_20100407100005_C010  Co. DPT_URL_COMPL_2.20100407100004_20100407100005_C010  Co. DPT_URL_COMPL_2.20100407100005_20100407100005_C010  Co. DPT_URL_COMPL_2.20100407100004_20100407100005_C010  Co. DPT_URL_COMPL_2.2010040710	Product	Test Failed	Description
Count Parties According States  Count Stage Averaging States  Count Stage Averaging States  The Count Rarge Averaging States Play has been set for one or more recording States  Count Stage Averaging States  The Count Rarge Averaging States Play has been set for one or more recording States  Count Stage Averaging States  The Count Rarge Averaging States Play has been set for one or more recording States  Count Stage Averaging States  The Count Rarge Averaging States Play has been set for one or more recording States  Count Stage Averaging States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been set for one or more recording States  The Count Rarge Averaging States Play has been se	CS_OFFL_SIR_GOPM_2_20190425T233623_20190426T000605_C001	Ocean Range Averaging Status	
Sec. DFFL_SIR_COPML_2 201904267110325_20190426710425_0010  CS_OFFL_SIR_COPML_2 201904267101325_20190426710425_0010  CS_OFFL_SIR_COPML_2 20190426710325_20190426710425_0010  CS_OFFL_SIR_COPML_2 20190426710325_20190426710425_0010  CS_OFFL_SIR_COPML_2 20190426710325_20190426710425_0010  CS_OFFL_SIR_COPML_2 20190426710325_20190426710425_0010  CS_OFFL_SIR_COPML_2 20190426710325_20190426710425_0010  CS_OFFL_SIR_COPML_2 20190426710325_2019042710425_0010  CS_OFFL_SIR_COPML_2 20190426710325_00100471047104_0010  CS_OFFL_SIR_COPML_2 20190426710325_001004710733_0010  CS_OFFL_SIR_COPML_2 20190426710325_001004710733_0010  CS_OFFL_SIR_COPML_2 20190426710325_001004710733_001001  CS_OFFL_SIR_COPML_2 20190426710	CS_OFFL_SIR_GOPM_2_20190426T002521_20190426T004401_C001	Ocean Range Averaging Status	
So. OPFL_SIR_COPM_2_20100420100321200342 2010425100355_201004251014221_CO01  CS. OPFL_SIR_COPM_2_2010042010332_2010425104221_CO01  CS. OPFL_SIR_COPM_2_20100420102032_2010425102014_CO01  CS. OPFL_SIR_COPM_2_20100420102032_2010425102015_CO01  CS. OPFL_SIR_COPM_2_20100420102033_2010425102015_CO01  CS. OPFL_SIR_COPM_2_20100420102033_2010425102015_CO01  CS. OPFL_SIR_COPM_2_20100420102033_2010425102015_CO01  CS. OPFL_SIR_COPM_2_20100420102033_2010425102015_CO01  CS. OPFL_SIR_COPM_2_20100420102033_2010425102	CS_OFFL_SIR_GOPM_2_20190426T004440_20190426T005752_C001	Ocean Range Averaging Status	
Co. CPFL_SIR_COPM_2_201604267102352_201604267102352_201604267023721. ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023721. ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023721. ODD  CS_CPFL_SIR_COPM_2_201604267023692_20160426702372. ODD  CS_CPFL_SIR_COPM_2_201604267023692_20160426702372. ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_201604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_201604267023692_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_20160426702362_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_20160426702362_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_20160426702362_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_20160426702362_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_20160426702362_D1604267023692_ODD  CS_CPFL_SIR_COPM_2_20160426702362_D160426702362_ODD  CS_CPFL_	CS_OFFL_SIR_GOPM_2_20190426T011002_20190426T011335_C001	Ice Range Averaging Status	
Co. OFFL. SIR. GOPM _2.01904267103524_201904267102362_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C00102364_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C00102364_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C00102364_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C00102367_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C00102367_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C00102367_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C00102367_C00102367_C001  Co. OFFL. SIR. GOPM _2.01904267102362_C0010237_C00	CS_OFFL_SIR_GOPM_2_20190426T011523_20190426T013056_C001	Ocean Range Averaging Status	
SO CPFL_SR_COPM_2_20190426102092_20190426102392_CO01  CS_OFFL_SR_COPM_2_20190426102494_20190426102392_CO01  CS_OFFL_SR_COPM_2_20190426102494_20190426102392_CO01  CS_OFFL_SR_COPM_2_20190426102392_C0190426102392_CO01  CS_OFFL_SR_COPM_2_20190426102392_20190426103923_CO01  CS_OFFL_SR_COPM_2_20190426103923_20190426103923_CO01  CS_OFFL_SR_COPM_2_20190426103923_20190426103923_CO01  CS_OFFL_SR_COPM_2_20190426103923_20190426103923_CO01  CS_OFFL_SR_COPM_2_20190426103923_2019042610433_CO01  CS_OFFL_SR_COPM_2_20190426103923_2019042610439_CO01  CS_OFFL_SR_COPM_2_20190426103932_2019042610439_CO01  CS_OFFL_SR_COPM_2_20190426103932_2019042610439_CO01  CS_OFFL_SR_COPM_2_20190426103932_2019042610439_CO01  CS_OFFL_SR_COPM_2_20190426103932_20190426105493_CO01  CS_OFFL_SR_COPM_2_20190426103932_20190426105493_CO01  CS_OFFL_SR_COPM_2_20190426103932_20190426105493_CO01  CS_OFFL_SR_COPM_2_20190426103932_20190426105493_CO01  CS_OFFL_SR_COPM_2_20190426103932_20190426105493_CO01  CS_OFFL_SR_COPM_2_20190426103932_20190426105493_CO01  CS_OFFL_SR_COPM_2_20190426100393_C001  CS_OFFL_SR_	CS_OFFL_SIR_GOPM_2_20190426T013259_20190426T014221_C001	Ocean Range Averaging Status	
CS OFFIL SIGNOPM 2 201904267705452 201904267000000 common more income.  S. OFFIL SIR COPM 2 20190426705455 201904267000000 common more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging Status Flag has been set for one or more income. In the Oosen Range Averaging St	CS_OFFL_SIR_GOPM_2_20190426T020541_20190426T020701_C001	Ocean Range Averaging Status	
CS_OFFL_SR_GOPM_2_20190426T02546_20190426T020026_001  Osen Range Averaging Status  CS_OFFL_SR_GOPM_2_20190426T02546_20190426T020026_001  Osen Range Averaging Status  CS_OFFL_SR_GOPM_2_20190426T02546_20190426T020026_001  Osen Range Averaging Status  CS_OFFL_SR_GOPM_2_20190426T02302_20190426T03330_001  Ide Range Averaging Status  CS_OFFL_SR_GOPM_2_20190426T02302_20190426T04333_001  Ide Range Averaging Status  CS_OFFL_SR_GOPM_2_20190426T04302_20190426T04333_001  Ide Range Averaging Status  CS_OFFL_SR_GOPM_2_20190426T04302_20190426T04333_001  Ide Range Averaging Status  Cosen Range Averaging Status  Cos	CS_OFFL_SIR_GOPM_2_20190426T020922_20190426T022141_C001	Ocean Range Averaging Status	
So, OFFL_SIR, GOPM_2 201904267036362 201904267030905, C001 Ocean Range Averaging Status Fing Copm La 201904267036502 201904267036509, C001 Ocean Range Averaging Status Fing Copm La 201904267036502 20190426704303, C001 Ocean Range Averaging Status Fing Copm La 201904267036502 20190426704303, C001 Ocean Range Averaging Status Fing Copm La 20190426704308 20190426704303, C001 Ocean Range Averaging Status Fing Copm La 20190426704308 20190426704303, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704305, C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426704303 C001 Ocean Range Averaging Status Fing Copm La 20190426704303 20190426707332 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 20190426707332 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 20190426707353 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 201904267070545 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 201904267070545 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 201904267070545 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 201904267070545 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 201904267070545 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 201904267070545 C001 Ocean Range Averaging Status Fing Copm La 201904267070545 C001 Ocean Range Averaging Status Fing Copm La 20	CS_OFFL_SIR_GOPM_2_20190426T023757_20190426T023902_C001	Ocean Range Averaging Status	
Coes Fig. GoPM_2_20190426T04575_20190426T03595_0001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  Fig. GoPM_2_20190426T04514_20190426T045133_C001  CS_OFFL_SIR_GOPM_2_20190426T04514_20190426T045133_C001  CS_OFFL_SIR_GOPM_2_20190426T04514_20190426T045133_C001  CS_OFFL_SIR_GOPM_2_20190426T04514_20190426T045054_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 Averag	CS_OFFL_SIR_GOPM_2_20190426T024804_20190426T025236_C001	Ice Range Averaging Status	
Coes Range Averaging Status File File File File Coes Range Averaging Status File File File File File Coes Range Averaging Status File File File File File File File File	CS_OFFL_SIR_GOPM_2_20190426T025445_20190426T030926_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_0190426T042306_0190426T04545_CO10  CS_OFFL_SIR_GOPM_2_0190426T045414_20190426T04545_CO10  CS_OFFL_SIR_GOPM_2_0190426T045414_20190426T045456_CO10  CS_OFFL_SIR_GOPM_2_0190426T0605312_0190426T060595_CO10  CS_OFFL_SIR_GOPM_2_0190426T0605312_0190426T060595_CO10  CS_OFFL_SIR_GOPM_2_0190426T060532_0190426T060595_CO10  CS_OFFL_SIR_GOPM_2_0190426T060532_0190426T060595_CO10  CS_OFFL_SIR_GOPM_2_0190426T060532_0190426T060595_CO10  CS_OFFL_SIR_GOPM_2_0190426T060532_O190426T060354_CO01  CS_OFFL_SIR_GOPM_2_0190426T060530_CO190426T060354_CO01  CS_OFFL_SIR_GOPM_2_0190426T060530_CO190426T060354_CO01  CS_OFFL_SIR_GOPM_2_0190426T070545_0190426T060354_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T072134_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T072134_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T072134_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T072134_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T072134_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T072134_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T07362_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T07362_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T075736_CO01  CS_OFFL_SIR_GOPM_2_0190426T07265_0190426T075736_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T075736_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060350_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060580_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060580_C0190426T060581_CO01  CS_OFFL_SIR_GOPM_2_0190426T060580_C0190426T060580_CO01  CS_OFFL_SIR_GOPM_2_0190426T060580_C0190426T060580_CO01  CS_OFFL_SIR_GOPM_2_0190426T060580_C0190426T060580_CO01  CS_O	CS_OFFL_SIR_GOPM_2_20190426T034758_20190426T035509_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T054372_20190426T05429C.  CS_OFFL_SIR_GOPM_2_20190426T054372_20190426T05429C.  CS_OFFL_SIR_GOPM_2_20190426T054372_20190426T05439C.  CS_OFFL_SIR_GOPM_2_20190426T054372_20190426T065439C.  CS_OFFL_SIR_GOPM_2_20190426T065397_20190426T065439C.  CS_OFFL_SIR_GOPM_2_20190426T065397_20190426T065439C.  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07345_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07345_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T07343C.  CS_OFFL_SIR_GOPM_2_20190426T07431_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T07343_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T082916_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T08017_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T08017_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T08018_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T090586_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T090586_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T10058_2	CS_OFFL_SIR_GOPM_2_20190426T035632_20190426T042041_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T094372_0190426T09635_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_GOPM_2_20190426T09632_0190426T09635_C001  CS_OFFL_SIR_GOPM_2_20190426T09632_0190426T09635_C001  CS_OFFL_SIR_GOPM_2_20190426T09632_0190426T09635_C001  CS_OFFL_SIR_GOPM_2_20190426T09632_0190426T09635_C001  CS_OFFL_SIR_GOPM_2_20190426T09632_0190426T09635_C001  CS_OFFL_SIR_GOPM_2_20190426T09635_C001  CS_OFFL_SIR_GOPM_2_20190426T09635_C0010  CS_OFFL_SIR_GOPM_2_20190426T09635_C00100426T096017_C001  CS_OFFL_SIR_GOPM_2_20190426T09635_C00100426T096017_C001  CS_OFFL_SIR_GOPM_2_20190426T09635_C00100426T096018_C001  CS_OFFL_SIR_GOPM_2_20190426T09635_C00100426T096018_C001  CS_OFFL_SIR_GOPM_2_20190426T09635_C00100426T096018_C001  CS_OFFL_SIR_GOPM_2_20190426T109635_C00100426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T109635_C00100426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T109635_C00100426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T109636_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T109636_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T109636_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T109636_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T109636_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T10968_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T10968_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T10968_20190426T109659_C001  CS_OFFL_SIR_GOPM_2_20190426T10968_20190426T109659_C001  CS_OF	CS_OFFL_SIR_GOPM_2_20190426T042308_20190426T043133_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T063732_20190426T060935_C001  CS_OFFL_SIR_GOPM_2_20190426T0605020_20190426T060935_C001  CS_OFFL_SIR_GOPM_2_20190426T0605020_20190426T060935_C001  CS_OFFL_SIR_GOPM_2_20190426T0605020_20190426T060935_C001  CS_OFFL_SIR_GOPM_2_20190426T0605020_20190426T060035_C001  CS_OFFL_SIR_GOPM_2_20190426T0605020_20190426T060035_C001  CS_OFFL_SIR_GOPM_2_20190426T0605020_20190426T060035_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T072134_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T072134_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T073823_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T073823_C001  CS_OFFL_SIR_GOPM_2_20190426T076545_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T076502_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T076138_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T076138_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T08015_C001  CS_OFFL_SIR_GOPM_2_20190426T08015_C001  CS_OFFL_SIR_GOPM_2_20190426T08037_20190426T08017_C001  CS_OFFL_SIR_GOPM_2_20190426T08037_20190426T0801733_C001  CS_OFFL_SIR_GOPM_2_20190426T0803059_20190426T090518_C001  CS_OFFL_SIR_GOPM_2_20190426T080350_20190426T090518_C001  CS_OFFL_SIR_GOPM_2_20190426T080350_20190426T090518_C001  CS_OFFL_SIR_GOPM_2_20190426T080350_20190426T105053_C001  CS_OFFL_SIR_GOPM_2_20190426T100362_20190426T1005053_C001  CS_OFFL_SIR_GOPM_2_20190426T100362_20190426T105053_C001  CS_OFFL_SIR_GOPM_2_20190426T100362_20190426T1005053_C001  CS_OFFL_SIR_GOPM_2_20190426T100362_20190426T1005053_C001  CS_OFFL_SIR_GOPM_2_20190426T100362_20190426T1005053_C001  CS_OFFL_SIR_GOPM_2_20190426T100362_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110362_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110362_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110362_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110362_C0190426T1103505_C010  CS_OFFL_SIR_GOPM_2_20190426T110362_C0190426T1103505_C010  CS_OFFL_SIR_GOPM_2_20190426T110362_C0190426T1103505_C010  CS_OFFL_SIR_GOPM_2_20190426T110362_C0190426T1103505_C010  CS_OFFL_SIR	CS_OFFL_SIR_GOPM_2_20190426T043414_20190426T045954_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T060323_20190426T06036_C001  CS_OFFL_SIR_GOPM_2_20190426T060502_02190426T06036_C001  CS_OFFL_SIR_GOPM_2_20190426T060502_02190426T064034_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T072134_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T072134_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T072332_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T073032_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T073032_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T075138_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T075138_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T075138_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T08235_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T08235_20190426T08236_C001  CS_OFFL_SIR_GOPM_2_20190426T08235_20190426T08235_C0190426T085018_C001  CS_OFFL_SIR_GOPM_2_20190426T080235_20190426T085018_C001  CS_OFFL_SIR_GOPM_2_20190426T08026_20190426T108501_C001  CS_OFFL_SIR_GOPM_2_20190426T108026_20190426T108505_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T108505_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T108505_C001  CS_OFFL_SIR_GOPM_2_20190426T1010220_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T1010220_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T1010220_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T101036_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T108505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T103505_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T103505_C001  CS_OFFL_SIR_GOPM_2_20190426T10341_	CS_OFFL_SIR_GOPM_2_20190426T053312_20190426T054220_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T060520_20190426T06035_C001  CS_OFFL_SIR_GOPM_2_20190426T061307_20190426T060436_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T073843_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T073823_C001  CS_OFFL_SIR_GOPM_2_20190426T076055_20190426T073823_C001  CS_OFFL_SIR_GOPM_2_20190426T076055_20190426T073823_C001  CS_OFFL_SIR_GOPM_2_20190426T076055_20190426T076056_C001  CS_OFFL_SIR_GOPM_2_20190426T076056_C001  CS_OFFL_SIR_GOPM_2_20190426T076056_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T076056_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T082935_20190426T092386_C001  CS_OFFL_SIR_GOPM_2_20190426T080305_20190426T092886_C001  CS_OFFL_SIR_GOPM_2_20190426T080305_20190426T090805_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100856_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_C001  CS_OFFL_SIR_GOPM_2_20190426T1008	CS_OFFL_SIR_GOPM_2_20190426T054754_20190426T055907_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T061307_20190426T072434_C001  CS_OFFL_SIR_GOPM_2_20190426T072625_20190426T072134_C001  CS_OFFL_SIR_GOPM_2_20190426T072625_20190426T0723323_C001  CS_OFFL_SIR_GOPM_2_20190426T072625_20190426T0723323_C001  CS_OFFL_SIR_GOPM_2_20190426T07313_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T075133_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T075133_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T075133_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T08307_20190426T092335_20190426T092333_20190426T092333_20190426T092333_20190426T092333_20190426T092333_20190426T092333_201	CS_OFFL_SIR_GOPM_2_20190426T060233_20190426T060354_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T0703823_C001  CS_OFFL_SIR_GOPM_2_20190426T070545_20190426T0703823_C001  CS_OFFL_SIR_GOPM_2_20190426T07431_20190426T0703823_C001  CS_OFFL_SIR_GOPM_2_20190426T07431_20190426T070513_C001  CS_OFFL_SIR_GOPM_2_20190426T07431_20190426T0705754_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T082935_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T092335_20190426T109230_20190426T109230_20190426T109230_20190426T1092030_20190426T1092030_20190426T1092030_20190426T109230_20190426T109230_20190426T109230_20190426T1092559_C001  CS_OFFL_SIR_GOPM_2_20190426T109230_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110441_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110441_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T110441_20190426T110345_2001  CS_OFFL_SIR_GOPM_2_20190426T120355_20190426T103555_20190426T103555_20190426T103555_20190426T103555_20190426T103555_20190426T103555_20190426T103555_20190426T103555_20190426T10355_201	CS_OFFL_SIR_GOPM_2_20190426T060520_20190426T060935_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T072825_20190426T073823_C001  CS_OFFL_SIR_GOPM_2_20190426T074431_20190426T075013_C001  CS_OFFL_SIR_GOPM_2_20190426T074431_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T075138_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T0757538_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T0933017_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T0933017_C001  CS_OFFL_SIR_GOPM_2_20190426T082935_20190426T091733_C001  CS_OFFL_SIR_GOPM_2_20190426T092335_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T09235_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T093059_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T09286_20190426T095051_C001  CS_OFFL_SIR_GOPM_2_20190426T09286_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100286_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100286_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100286_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T10034_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1103559_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110342_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110356_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110356_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110356_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110356_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110356_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110356_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110356_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1006_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1006_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1006_2001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1006_2001  CS_OFFL_SIR_GOPM_2_20190426T1006_20010426T1006_2001  CS_OFFL_SIR_GOPM_2_201	CS_OFFL_SIR_GOPM_2_20190426T061307_20190426T064034_C001	Ocean Range Averaging Status	
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CS_OFFL_SIR_GOPM_2_20190426T075138_20190426T075754_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001  CS_OFFL_SIR_GOPM_2_20190426T084337_20190426T091733_C001  CS_OFFL_SIR_GOPM_2_20190426T084337_20190426T091733_C001  CS_OFFL_SIR_GOPM_2_20190426T092335_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T092335_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T093059_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T093059_20190426T095018_C001  CS_OFFL_SIR_GOPM_2_20190426T00826_20190426T095018_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100559_C001  CS_OFFL_SIR_GOPM_2_20190426T102230_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T101029_20190426T10341_C001  CS_OFFL_SIR_GOPM_2_20190426T101029_20190426T101034_C001  CS_OFFL_SIR_GOPM_2_20190426T101041_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T1110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T112313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121335_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121335_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T122335_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T12335_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T12335_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T12335_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T12335_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T12335_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T12335_C001  C	CS_OFFL_SIR_GOPM_2_20190426T072625_20190426T073823_C001	Ocean Range Averaging Status	
cs_offl_sir_gopm_2_z0190426T082916_20190426T083017_c001  Ocean Range Averaging Status  Fecords.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_offl_sir_gopm_2_z0190426T100826_20190426T100851_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_offl_sir_gopm_2_z0190426T10230_20190426T105053_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_offl_sir_gopm_2_z0190426T105058_20190426T105559_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  CS_offl_sir_gopm_2_z0190426T110129_20190426T11034_C001  Ice Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more records.  The Ice Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPM_2_20190426T074431_20190426T075013_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T084337_20190426T091733_C001  CS_OFFL_SIR_GOPM_2_20190426T09235_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T09235_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T093059_20190426T095018_C001  CS_OFFL_SIR_GOPM_2_20190426T10826_20190426T10851_C001  CS_OFFL_SIR_GOPM_2_20190426T10828_20190426T108559_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T105053_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T10109_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T10109_20190426T10001  CS_OFFL_SIR_GOPM_2_20190426T10109_20190426T10001  CS_OFFL_SIR_GOPM_2_20190426T10109_20190426T10001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CS_OFFL_SIR_GOPM_2_20190426T110014_20190426T110001  CC_OCAR 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 mor	CS_OFFL_SIR_GOPM_2_20190426T075138_20190426T075754_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T092335_20190426T092846_C001  CS_OFFL_SIR_GOPM_2_20190426T0903059_20190426T095018_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T105553_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T1010129_20190426T1005559_C001  CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T11054_C001  CS_OFFL_SIR_GOPM_2_20190426T110141_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110141_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110141_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110141_20190426T11060_C001  CS_OFFL_SIR_GOPM_2_20190426T110142_20190426T11060_C001  CS_OFFL_SIR_GOPM_2_20190426T110142_20190426T11060_C001  CS_OFFL_SIR_GOPM_2_20190426T110142_20190426T11060_C001  CS_OFFL_SIR_GOPM_2_20190426T110142_20190426T112131_C001  CS_OFFL_SIR_GOPM_2_20190426T110142_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T1120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T120209_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T12009_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T12009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T1242552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T1242552_20190426T124235_C001  CS_OFFL_SIR_GOPM_2_20190426T1242552_20190426T124233_	CS_OFFL_SIR_GOPM_2_20190426T082916_20190426T083017_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T108263_20190426T095018_C001  CS_OFFL_SIR_GOPM_2_20190426T10826_20190426T10851_C001  CS_OFFL_SIR_GOPM_2_20190426T10826_20190426T105053_C001  CS_OFFL_SIR_GOPM_2_20190426T102230_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105053_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105059_C001  CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T110334_C001  CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T114002_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T114002_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T120209_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124713_DAPAGET1245500_C001  C	CS_OFFL_SIR_GOPM_2_20190426T084337_20190426T091733_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001  CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T105053_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T101029_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T110334_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110402_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T11050_C001  CS_OFFL_SIR_GOPM_2_20190426T12035_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T12035_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T12009_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T12752_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T12752_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T12009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123T13_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124233_C001  CS_OF	CS_OFFL_SIR_GOPM_2_20190426T092335_20190426T092846_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T10230_20190426T10553_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001  CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T110334_C001  CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110155_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T12035_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T12136_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T1227713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T1227713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T1227713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T1227713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124253_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124253_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124550_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124550_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124550_C001  CS_OFFL_SIR_G	CS_OFFL_SIR_GOPM_2_20190426T093059_20190426T095018_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105059_C001  CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T110334_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110402_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110402_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T110402_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T111014_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T111014_C001  CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T111014_C001  CS_OFFL_SIR_GOPM_2_20190426T12035_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121936_C001  CS_OFFL_SIR_GOPM_2_20190426T12009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124550_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124550_C001  CS	CS_OFFL_SIR_GOPM_2_20190426T100826_20190426T100851_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T110308_20190426T110334_C001  CS_OFFL_SIR_GOPM_2_20190426T110314_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T111014_20190426T114602_C001  CS_OFFL_SIR_GOPM_2_20190426T1120235_20190426T1121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121336_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T1213526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124255_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124255_20190426T1242500_C001  CS_OFFL_SIR_GOPM_2_20190426T124255_20190426T1242500_C001  CS_OFFL_SIR_GOPM_2_20190426T124255_20190426T1242500_C001  CS_OFFL_SIR_GOPM_2_20190426T124255_20190426T1245500_C001  CS_OFFL_SIR_GOPM_2_20190426T124255_20190426T1245500_C001  CS_OFFL_SIR_GOPM_2_20190426T124255_20190426T1245500_C001  CS_OFFL_SIR_GOPM_2_20190426T12455_20190426T1245500_C001  CS_OFFL_SIR_GOPM_2_20190426T12455_20190426T1245500_C001  CS_OFFL_SIR_GOPM_2_20190426T12455_20190426T1245500_C001  CS_OFFL_SIR_GOPM_2_20190426T12455_20190426	CS_OFFL_SIR_GOPM_2_20190426T102230_20190426T105053_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001  CS_OFFL_SIR_GOPM_2_20190426T111014_20190426T114602_C001  CS_OFFL_SIR_GOPM_2_20190426T1120235_20190426T114602_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121936_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121936_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T12332_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SI	CS_OFFL_SIR_GOPM_2_20190426T105058_20190426T105559_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T11014_20190426T114602_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121936_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T1213526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T1242500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T1242500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124552_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190	CS_OFFL_SIR_GOPM_2_20190426T110129_20190426T110334_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121936_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T1213526_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124253_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124253_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124253_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL	CS_OFFL_SIR_GOPM_2_20190426T110341_20190426T110754_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121313_C001  CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121936_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C001  CS_OFFL_SIR_GOPM_2_20190426T124500_C00	CS_OFFL_SIR_GOPM_2_20190426T111014_20190426T114602_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T121732_20190426T121335_C001  CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124253_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T12450_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T12450_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T12450_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T12450_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T12450_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T12450_C001  CS_OFFL_SIR_GOPM_2_20190426T12450_C001  CS_	CS_OFFL_SIR_GOPM_2_20190426T120235_20190426T121313_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T122713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124233_C001  CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124250_C001  Ice Range Averaging Status  The Ice Range Averaging Status Flag has been set for one or more  The Ice Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPM_2_20190426T121752_20190426T121936_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_201904261123713_201904261124233_C001 lice Range Averaging Status records.  CS_OFFL_SIR_GOPM_2_201904261124252_201904261124500_C001 lice Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPM_2_20190426T122009_20190426T123526_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_GOPM_2_20190426T123713_20190426T124233_C001	Ice Range Averaging Status	records.
	CS_OFFL_SIR_GOPM_2_20190426T124252_20190426T124500_C001	Ice Range Averaging Status	

Co. OFF., SR., COMA_2_2010042111021_20100421110250_COID   Co. OFF., SR., COMA_2_2010042111021_20100421102102_COID   Co. OFF., SR., COMA_2_2010042111021_20100421102102_COID   Co. OFF., SR., COMA_2_2010042111021_20100421102102_COID   Co. OFF., SR., COMA_2_2010042111021_20100421102102_COID   Co. OFF., SR., COMA_2_20100421110203_COID   Co. OFF., SR., COMA_2_2010042111003_COID   Co. OFF., SR.,	CS_OFFL_SIR_GOPM_2_20190426T125344_20190426T130608_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
Court   Sec   Gord   2,000042113514 2,010406113514   Cold   Court   Sec   Gord   2,000042113514 2,010406113514   Cold   Court   Sec   Gord   2,00004211453   Cold   Court   Sec   Cold   Sec	CS_OFFL_SIR_GOPM_2_20190426T130757_20190426T132043_C001	Ocean Range Averaging Status	
Section Confug. 2019040271390402713404201341240.001  Co. CPFL_SRIC_COMPL_20190402714382.010042714355.001  Co. CPFL_SRIC_COMPL_20190402714382.0190402714355.001  Co. CPFL_SRIC_COMPL_20190402714382.0190402714355.001  Co. CPFL_SRIC_COMPL_201904027143782.0190402714355.001  Co. CPFL_SRIC_COMPL_201904027143782.01904027153500.001  Co. CPFL_SRIC_COMPL_201904027153782.01904027153500.001  Co. CPFL_SRIC_COMPL_201904027153782.01904027153500.001  Co. CPFL_SRIC_COMPL_201904027153782.01904027153500.001  Co. CPFL_SRIC_COMPL_2019040271537977.0190402715300.001  Co. CPFL_SRIC_COMPL_2019040271537977.0190402715300.001  Co. CPFL_SRIC_COMPL_20190402715300.001  C	CS_OFFL_SIR_GOPM_2_20190426T132151_20190426T132515_C001	Ocean Range Averaging Status	
Conff., Sinc. GOM 2, 201906267114200, 201904267114200, 20190426714200, 20190426714200, 20190426714200, 20190426714200, 20190426714200, 20190426714200, 20190426714200, 20190426714200, 20190426712000, 20190426714200, 2019042671200, 2019042671200, 201904267120000, 20190426712000, 201904267120000, 201904267120000, 201904267120000, 201904267120000, 201904267120000, 201904267120000, 20	CS_OFFL_SIR_GOPM_2_20190426T134742_20190426T135712_C001	Ocean Range Averaging Status	
CS. OFFL. SIR. GOPM 2, 20164028T14938, 20194048T14935, C0011  CS. OFFL. SIR. GOPM 2, 20164028T14938, 20194048T14936, C0011  CS. OFFL. SIR. GOPM 2, 20164028T14938, 20194048T14936, C0011  CS. OFFL. SIR. GOPM 2, 20164028T14938, 20194048T139300, C0011  CS. OFFL. SIR. GOPM 2, 20164028T14938, 20194048T139300, C0011  CS. OFFL. SIR. GOPM 2, 20164028T159312, 20194048T139300, C0011  CS. OFFL. SIR. GOPM 2, 20164028T159312, 20194048T139300, C0011  CS. OFFL. SIR. GOPM 2, 20164028T159312, 20194048T139300, C0011  CS. OFFL. SIR. GOPM 2, 20164028T139302, 20194048T139300, C0011  CS. OFFL. SIR. GOPM 2, 20164028T139303, 20194048T13930, C0011  CS. OFFL. SIR. GOPM 2, 20164028T139303, 20194048T13930, C0011  CS. OFFL. SIR. GOPM 2, 20164028T139303, 20194048T13930, C0011  CS. OFFL. SIR. GOPM 2, 20164028T139303, C0014048T13930, C0011  CS. OFFL. SIR. GOPM 2, 20164028T139303, C0014058T13930, C00140  CS. OFFL. SIR. GOPM 2, 20164028T139303, C0014058T13930, C0014  CS. OFFL. S	CS_OFFL_SIR_GOPM_2_20190426T135914_20190426T141428_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
GS_CPFL_SIR_COPPL201004281144282_20100428114518004_COX10  CS_CPFL_SIR_COPPL_2010042811451803_COX101004281150044_COX10  CS_CPFL_SIR_COPPL_2010042811451803_COX101004281150044_COX10  CS_CPFL_SIR_COPPL_201004281160382_201004281150044_COX10  CS_CPFL_SIR_COPPL_201004281160382_201004281150044_COX10  CS_CPFL_SIR_COPPL_201004281160382_201004281150044_COX10  CS_CPFL_SIR_COPPL_201004281160382_201004281150044_COX10  CS_CPFL_SIR_COPPL_201004281160382_20100428118039_COX10  CS_CPFL_SIR_COPPL_201004281160382_20100428118039_COX10  CS_CPFL_SIR_COPPL_201004281160382_20100428118039_COX10  CS_CPFL_SIR_COPPL_201004281160382_20100428118039_COX10  CS_CPFL_SIR_COPPL_201004281160382_20100428118039_COX10  CS_CPFL_SIR_COPPL_20100428116039_C0X100428118039_COX10  CS_CPFL_SIR_COPPL_20100428118039_C0X100428118039_COX10  CS_CPFL_SIR_COPPL_20100428118039_C0X100428118039_COX10  CS_CPFL_SIR_COPPL_20100428118039_C0X100428118039_COX10  CS_CPFL_SIR_COPPL_20100428118039_C0X100428118039_COX10  CS_CPFL_SIR_COPPL_20100428118039_C0X100428118039_COX10  CS_CPFL_SIR_COPPL_20100428118039_C0X100428118039_COX10  CS_CPFL_SIR_COPPL_20100428118039_C0X100428112039_COX10  CS_CPFL_SIR_COPPL_20100428112039_C0X100428112039_COX10  CS_CPFL_SIR_	CS_OFFL_SIR_GOPM_2_20190426T141638_20190426T142133_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20100428T14475_20190428T110034_C001  CS_OFFL_SIR_GOPM_2_20100428T140314_20190428T110034_C001  CS_OFFL_SIR_GOPM_2_20100428T160373_20100428T100342_C001  CS_OFFL_SIR_GOPM_2_20100428T160373_20100428T100342_C001  CS_OFFL_SIR_GOPM_2_20100428T160373_20100428T100342_C001  CS_OFFL_SIR_GOPM_2_20100428T160373_20100428T100342_C001  CS_OFFL_SIR_GOPM_2_20100428T160373_20100428T100302_C001  CS_OFFL_SIR_GOPM_2_20100428T170707_20100428T100302_C001  CS_OFFL_SIR_GOPM_2_20100428T170707_20100428T100400_C001  CS_OFFL_SIR_GOPM_2_20100428T170707_20100428T100400_C001  CS_OFFL_SIR_GOPM_2_20100428T170707_20100428T100400_C001  CS_OFFL_SIR_GOPM_2_20100428T170707_20100428T170400_C001  CS_OFFL_SIR_GOPM_2_20100428T170707_20100428T170400_C001  CS_OFFL_SIR_GOPM_2_20100428T100047_20100428T1000400_C001  CS_OFFL_SIR_GOPM_2_20100428T100047_20100428T1000400_C001  CS_OFFL_SIR_GOPM_2_20100428T100047_20100428T1000400_C001  CS_OFFL_SIR_GOPM_2_20100428T100047_20100428T1000400_C001  CS_OFFL_SIR_GOPM_2_20100428T100047_20100428T1000400_C001  CS_OFFL_SIR_GOPM_2_20100428T100047_20100428T100040_C001  CS_OFFL_SIR_GOPM_2_20100428T200047_20100428T100040_C001  CS_OFFL_SIR_GOPM_2_20100428T200047_20100408T100040_C001  CS_OFFL_SIR_GOPM_2_20100428T200047_20100408T100	CS_OFFL_SIR_GOPM_2_20190426T142938_20190426T143254_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201040281134259_201940281134350_0001  CS_OFFL_SIR_GOPM_2_201040281134359_20194028113430_0001  CS_OFFL_SIR_GOPM_2_20104028113430_20194028113430_0001  CS_OFFL_SIR_GOPM_2_20104028113430_0001  CS_OFFL_SIR_GOPM_2_20104028113430_0001  CS_OFFL_SIR_GOPM_2_20104028113430_0001  CS_OFFL_SIR_GOPM_2_20104028113430_0001  CS_OFFL_SIR_GOPM_2_2010402811340_0001  CS_OFFL_SIR_GOPM_2_20104028113400_0001  CS_OFFL_SIR_GOPM_2_201040281124000_0001  CS_OFFL_SIR_GOPM_2_201040281124000_0001	CS_OFFL_SIR_GOPM_2_20190426T144736_20190426T145140_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
See OFFL, SIR GOPM 2 201904267105027 201904267105030 C001  CS_OFFL_SIR, GOPM 2 201904267105037 201904267105030 C001  CS_OFFL_SIR, GOPM 2 201904267105037 201904267105030 C001  CS_OFFL_SIR, GOPM 2 201904267105037 201904267105030 C001  CS_OFFL_SIR, GOPM 2 201904267105039 201904267105030 C001  CS_OFFL_SIR, GOPM 2 201904267105047 2019042670001  CS_OFFL_SIR, GOPM 2 201904267105047 2019042670001  CS_OFFL_SIR, GOPM 2 201904267105067 2019042670001  CS_OFFL_SIR, GOPM 2 20190426710506 2019042670001  CS_OFFL_SIR, GOPM 2 20190426710507 2019042670001  CS_OFFL_SIR, GOPM 2 20190426710508 2019042670001  CS_OFFL_SIR, GOPM 2 20190426710508 201904267001001  CS_OFFL_SIR, GOPM 2 20190426710508 201904267001001  CS_OFFL_SIR, GOPM 2 20190426710508 201904267001001  CS_OFFL_SIR, GOPM 2 2019042671001001 2019042671001001  CS_OFFL_SIR, GOPM 2 2019042671001001 2019042671001001  CS_OFFL_SIR, GOPM 2 201904267101	CS_OFFL_SIR_GOPM_2_20190426T145143_20190426T150034_C001	Ocean Range Averaging Status	
SOFFL_SIR_GOPM_2_2019042671902050267100005. COID  Ober Range Averaging Status  The Oosen Range Averaging Sta	CS_OFFL_SIR_GOPM_2_20190426T153739_20190426T155329_C001	Ocean Range Averaging Status	
CS_OFFL_SR_GOPM_2_20190426717970_201904267143300_001  Osen Range Averaging Status  Figs R_GOPM_2_20190426717950_20190426714300_001  CS_OFFL_SR_GOPM_2_20190426717950_20190426714500_001  CS_OFFL_SR_GOPM_2_20190426717950_20190426714500_001  CS_OFFL_SR_GOPM_2_20190426717950_20190426714500_001  CS_OFFL_SR_GOPM_2_20190426710950_20190426719154_001  CS_OFFL_SR_GOPM_2_20190426710950_20190426719154_001  CS_OFFL_SR_GOPM_2_20190426710950_20190426719154_001  CS_OFFL_SR_GOPM_2_20190426710950_20190426720001  CS_OFFL_SR_GOPM_2_20190426710950_20190426720001  CS_OFFL_SR_GOPM_2_20190426710950_20190426720001  CS_OFFL_SR_GOPM_2_20190426710950_20190426720001  CS_OFFL_SR_GOPM_2_20190426710950_201904267200001  CS_OFFL_SR_GOPM_2_20190426710950_201904267200001  CS_OFFL_SR_GOPM_2_20190426710950_201904267200000001  CS_OFFL_SR_GOPM_2_20190426710950_20190426720000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190426T155619_20190426T160100_C001	Ice Range Averaging Status	
Coeff List GOPM 2 20190426117300 20190426117300 2010  So GPFL SIR GOPM 2 20190426117300 20190426117300 2010  Coeff List GOPM 2 20190426117300 20190426117300 2010  Coeff List GOPM 2 20190426117300 201904261184 2010  Coeff List GOPM 2 201904261193049 2019042611914 2010  Coeff List GOPM 2 20190426119304 20190426119304 20190426119304 20190426119304 20190426119304 20190426119304 20190426119305 2019042	CS_OFFL_SIR_GOPM_2_20190426T160710_20190426T163034_C001	Ocean Range Averaging Status	
Count Margo Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_GOPM_2_20190426T148697_20190426T17815_C001  CS_OFFL_SIR_GOPM_2_20190426T189349_20190426T18914_C001  CS_OFFL_SIR_GOPM_2_20190426T189349_20190426T18914_C001  CS_OFFL_SIR_GOPM_2_20190426T189349_20190426T19258_C001  CS_OFFL_SIR_GOPM_2_20190426T19432_20190426T191914_C001  CS_OFFL_SIR_GOPM_2_20190426T19432_20190426T191914_C001  CS_OFFL_SIR_GOPM_2_20190426T19432_20190426T10914_C001  CS_OFFL_SIR_GOPM_2_20190426T19432_20190426T20041_C001  CS_OFFL_SIR_GOPM_2_20190426T128049_20190426T20041_C001  CS_OFFL_SIR_GOPM_2_20190426T128049_20190426T20041_C001  CS_OFFL_SIR_GOPM_2_20190426T204927_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T200512_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T200512_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T200512_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T200512_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T200512_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T200512_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T200512_20190426T200506_C001  CS_OFFL_SIR_GOPM_2_20190426T210051_20190426T2100506_C001  CS_OFFL_SIR_GOPM_2_20190426T210051_20190426T2100506_C001  CS_OFFL_SIR_GOPM_2_20190426T210051_20190426T2100506_C001  CS_OFFL_SIR_GOPM_2_20190426T210051_20190426T2100506_C001  CS_OFFL_SIR_GOPM_2_20190426T2100506_C001  CS_OFFL_SIR_G	CS_OFFL_SIR_GOPM_2_20190426T163037_20190426T163429_C001	Ocean Range Averaging Status	
GS_OFFL_SIR_GOPM_2_20190428T174582_20190428T1745815_0001  CS_OFFL_SIR_GOPM_2_20190428T1746522_20190428T191544_C001  CS_OFFL_SIR_GOPM_2_20190428T194527_20190428T191914_C001  CS_OFFL_SIR_GOPM_2_20190428T192804_20190428T190041_C001  CS_OFFL_SIR_GOPM_2_20190428T192804_20190428T090041_C001  CS_OFFL_SIR_GOPM_2_20190428T192804_20190428T090041_C001  CS_OFFL_SIR_GOPM_2_20190428T192804_20190428T090041_C001  CS_OFFL_SIR_GOPM_2_20190428T192804_20190428T090041_C001  CS_OFFL_SIR_GOPM_2_20190428T192804_20190428T0900041_C001  CS_OFFL_SIR_GOPM_2_20190428T192804_20190428T0900000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190426T170707_20190426T173300_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426713934_201904267139144_C001  CS_OFFL_SIR_GOPM_2_201904267139267_201904267191914_C001  CS_OFFL_SIR_GOPM_2_201904267120502_201904267120004_C001  CS_OFFL_SIR_GOPM_2_201904267120502_201904267120502_C001  CS_OFFL_SIR_GOPM_2_201904267120502_201904267120502_C001  CS_OFFL_SIR_GOPM_2_201904267120502_201904267120502_C001  CS_OFFL_SIR_GOPM_2_201904267120502_0190426720040_C001  CS_OFFL_SIR_GOPM_2_201904267120504_C001  CS_OFFL_SIR_GOPM_2_201904267120504_C001  CS_OFFL_SIR_GOPM_2_201904267120504_C001  CS_OFFL_SIR_GOPM_2_201904267120512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_201904267120512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_201904267120512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_201904267120512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720504_C001  CS_OFFL_SIR_GOPM_2_20190426720512_019042672127050_C001  CS_OFFL_SIR_GOPM_2_20190426720512_019042672127050_C001  CS_OFFL_SIR_GOPM_2_20190426720512_0190426720506_C001  CS_OFFL_SIR_GOPM_2_20190426720505_0190426720506_C001  CS_OFFL_SIR_GOPM_2_20190426720305_C0010  CS_OFFL_SIR_GOPM_2_201904267030505_C0010  CS_OFFL_SIR_GOPM_2_201904267030505_C0010  CS_OFFL_SIR_GOPM_2_201904267030505_C0010  CS_OFFL_SIR_GOPM_2_201904267030505_C00100467130506	CS_OFFL_SIR_GOPM_2_20190426T173559_20190426T174000_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201904267104527_201904267104045 COUNTY COERT Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_GOPM_2_201904267126402_201904267120710001 COERT Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_GOPM_2_201904267120602_201904267120710001 COERT Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_GOPM_2_201904267120602_201904267120710001 COERT Range Averaging Status Flag has been set for one or more records.  CS_OFFL_SIR_GOPM_2_201904267120692_2019042671207100000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190426T174620_20190426T175815_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T19362_20190426T20041_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T20041_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T204506_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T204506_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T204506_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T204506_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T20506_C001  CS_OFFL_SIR_GOPM_2_20190426T20506_20190426T20506_C001  CS_OFFL_SIR_GOPM_2_20190426T20501_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T20501_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T21530_20190426T21530_C001  CS_OFFL_SIR_GOPM_2_20190426T21530_20190426T21550_C001  CS_OFFL_SIR_GOPM_2_20190426T21530_20190426T21550_C001  CS_OFFL_SIR_GOPM_2_20190426T221530_20190426T215317_C001  CS_OFFL_SIR_GOPM_2_20190426T22330_C0190426T22330_C001  CS_OFFL_SIR_GOPM_2_20190426T22330_C0190426T23300_C001  CS_OFFL_SIR_GOPM_2_20190426T23300_C0190426T23300_C001  CS_OFFL_SIR_GOPM_2_20190426T23300_C0190426T23300_C00	CS_OFFL_SIR_GOPM_2_20190426T180349_20190426T181344_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T129584_20190426T205041_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T205418_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T205418_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T205418_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T20531_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T20531_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T20531_20190426T205040_C001  CS_OFFL_SIR_GOPM_2_20190426T213035_20190426T215550_C001  CS_OFFL_SIR_GOPM_2_20190426T21515_219_20190426T221642_C001  CS_OFFL_SIR_GOPM_2_20190426T215201_20190426T220507_C001  CS_OFFL_SIR_GOPM_2_20190426T221530_20190426T223117_C001  CS_OFFL_SIR_GOPM_2_20190426T22130_20190426T223117_C001  CS_OFFL_SIR_GOPM_2_20190426T223340_20190426T223339_C001  CS_OFFL_SIR_GOPM_2_20190426T22430_20190426T22339_C001  CS_OFFL_SIR_GOPM_2_20190426T223340_20190426T22339_C001  CS_OFFL_SIR_GOPM_2_20190426T22450_20190426T223039_C001  CS_OFFL_SIR_GOPM_2_20190426T223340_20190426T223039_C001  CS_OFFL_SIR_GOPM_2_20190426T223340_20190426T223039_C001  CS_OFFL_SIR_GOPM_2_20190426T22306_C001  CS_OFFL_SIR_GOPM_2_20190426T22306_C001  CS_OFFL_SIR_GOPM_2_20190426T22306_C001  CS_OFFL_SIR_GOPM_2_20190426T22506_C001  CS_OFFL_SIR_GOPM_2_20190426T22506_C0190426T23039_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T230339_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T230339_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T230339_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T230339_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T230339_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T230339_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T2303039_C001  CS_OFFL_SIR_GOPM_2_20190426T2306_C0190426T2303039_C001  CS_OFFL_SIR_GOPM_2_20190426T30327_20190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035102_C0190426T035	CS_OFFL_SIR_GOPM_2_20190426T184527_20190426T191258_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201904267204502_001904267204502_001  CS_OFFL_SIR_GOPM_2_201904267204502_001904267205940_0001  CS_OFFL_SIR_GOPM_2_201904267204502_001904267205940_0001  CS_OFFL_SIR_GOPM_2_201904267210531_201904267205940_0001  CS_OFFL_SIR_GOPM_2_201904267210531_20190426721273933_0001  CS_OFFL_SIR_GOPM_2_201904267210532_001904267213933_0001  CS_OFFL_SIR_GOPM_2_201904267210532_001904267213933_0001  CS_OFFL_SIR_GOPM_2_201904267210532_001904267213933_0001  CS_OFFL_SIR_GOPM_2_20190426721153_0019042672105402_0001  CS_OFFL_SIR_GOPM_2_20190426721153_0019042672105402_0001  CS_OFFL_SIR_GOPM_2_201904267221530_201904267221642_0001  CS_OFFL_SIR_GOPM_2_201904267221530_201904267221642_0001  CS_OFFL_SIR_GOPM_2_201904267221530_201904267221642_0001  CS_OFFL_SIR_GOPM_2_201904267221530_201904267223393_0001  CS_OFFL_SIR_GOPM_2_201904267221530_201904267223393_0001  CS_OFFL_SIR_GOPM_2_20190426722150_201904267223393_0001  CS_OFFL_SIR_GOPM_2_20190426722150_201904267223393_0001  CS_OFFL_SIR_GOPM_2_20190426722150_201904267223393_0001  CS_OFFL_SIR_GOPM_2_20190426722308_201904267223393_0001  CS_OFFL_SIR_GOPM_2_20190426722308_201904267223393_0001  CS_OFFL_SIR_GOPM_2_20190426722308_20190426722309_0001  CS_OFFL_SIR_GOPM_2_2019042672308_2019042672309_0001  CS_OFFL_SIR_GOPM_2_2019042672308_2019042672309_0001  CS_OFFL_SIR_GOPM_2_2019042672309_001904267125065_0001  CS_OFFL_SIR_GOPM_2_20190426712506_201904267125066_0001  CS_OFFL_SIR_GOPM_2_20190426713042_001904267033390_0001  CS_OFFL_SIR_GOPM_2_20190426703327_201904267033390_0001  CS_OFFL_SIR_GOPM_2_20190426703427_001904267033390_0001  CS_OFFL_SIR_GOPM_2_20190426703427_001904267033390_0001  CS_OFFL_SIR_GOPM_2_20190426703427_001904267033390_0001  CS_OFFL_SIR_GOPM_2_20190426703427_001904267033390_0001  CS_OFFL_SIR_GOPM_2_20190426703427_00190426703400000000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20190426T191432_20190426T191914_C001	Ice Range Averaging Status	
CS_OFF_SIR_GOPM_2_201904267204927_20190426720506_CO01  CS_OFF_SIR_GOPM_2_201904267205418_201904267205906_CO01  CS_OFF_SIR_GOPM_2_201904267205418_201904267205906_CO01  CS_OFF_SIR_GOPM_2_201904267210531_2019042672129749_CO01  CS_OFF_SIR_GOPM_2_201904267213035_2019042672129749_CO01  CS_OFF_SIR_GOPM_2_201904267213035_201904267213335_CO01  CS_OFF_SIR_GOPM_2_20190426721550_CO01  CS_OFF_SIR_GOPM_2_20190426721550_CO01  CS_OFF_SIR_GOPM_2_20190426722150_CO01  CS_OFF_SIR_GOPM_2_20190426722150_CO01  CS_OFF_SIR_GOPM_2_2019042672213035_201904267221517_CO01  CS_OFF_SIR_GOPM_2_201904267223380_C001  CS_OFF_SIR_GOPM_2_201904267223380_C001  CS_OFF_SIR_GOPM_2_201904267223380_C001  CS_OFF_SIR_GOPM_2_201904267223380_C001  CS_OFF_SIR_GOPM_2_201904267223380_C001  CS_OFF_SIR_GOPM_2_201904267223380_C001  CS_OFF_SIR_GOPM_2_20190426723380_C001  CS_OFF_SIR_GOPM_2_20190426723380_C001  CS_OFF_SIR_GOPM_2_201904267223380_C001  CS_OFF_SIR_GOPM_2_20190426723380_C001  CS_OFF_SIR_GOPM_2_20190426723380_C001  CS_OFF_SIR_GOPM_2_20190426723380_C001  CS_OFF_SIR_GOPM_2_20190426723380_C0100426700018_C001  CS_OFF_SIR_GOPM_2_2019042670380_C001  CS_OFF_SIR_GOPM_2_2019042670380_C0100426700018_C001  CS_OFF_SIR_GOPM_2_201904267030018_C001  CS_OFF_SIR_GOPM_2_201904267030018_C001  CS_OFF_SIR_GOPM_2_20190426703018_C001  CS_OFF_SIR_GOPM_2_20190426703018_C001  CS_OFF_SIR_GOPM_2_20190426703018_C001  CS_OFF_SIR_GOPM_2_20190426703018_C001  CS_OFF_SIR_GOPM_2_20190426703018_C00100426703018_C001  CS_OFF_SIR_GOPM_2_20190426703018_C00100426703018_C001  CS_OFF_SIR_GOPM_2_20190426703018_C00100426703018_C001	CS_OFFL_SIR_GOPM_2_20190426T192604_20190426T200041_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201904267120531_201904267120540_C001  CS_OFFL_SIR_GOPM_2_201904267205312_201904267120531_201904267213033_C001  CS_OFFL_SIR_GOPM_2_201904267210531_201904267213033_C001  CS_OFFL_SIR_GOPM_2_201904267213035_201904267213033_C001  CS_OFFL_SIR_GOPM_2_2019042672152519_20190426721550_C001  CS_OFFL_SIR_GOPM_2_20190426722153_20190426721303_C001  CS_OFFL_SIR_GOPM_2_20190426722153_201904267221550_C001  CS_OFFL_SIR_GOPM_2_20190426722153_201904267221550_C001  CS_OFFL_SIR_GOPM_2_20190426722153_20190426722153_201904267223167_C001  CS_OFFL_SIR_GOPM_2_201904267223348_201904267223389_C001  CS_OFFL_SIR_GOPM_2_201904267223348_201904267223507_C001  CS_OFFL_SIR_GOPM_2_201904267223348_201904267223507_C001  CS_OFFL_SIR_GOPM_2_201904267233010_20190426720010  CS_OFFL_SIR_GOPM_2_201904267233010_20190426720010  CS_OFFL_SIR_GOPM_2_201904267233010_2019042670010  CS_OFFL_SIR_GOPM_2_201904267233010_2019042670010  CS_OFFL_SIR_GOPM_2_201904267233010_201904267000618_C001  CS_OFFL_SIR_GOPM_2_201904267233010_2019042671000618_C001  CS_OFFL_SIR_GOPM_2_2019042671235010_2019042671000618_C001  CS_OFFL_SIR_GOPM_2_2019042671235010_2019042671000618_C001  CS_OFFL_SIR_GOPM_2_201904267000618_C001  CS_OFFL_SIR_GOPM_2_2019042671000618_C001  CS_OFFL_SIR_GOPM_2_2019042671000617000618_C001  CS_OFFL_SIR_GOPM_2_2019042671000617000617000618_C001  CS	CS_OFFL_SIR_GOPM_2_20190426T204506_20190426T204727_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T21333_20190426T21933_CO01  CS_OFFL_SIR_GOPM_2_20190426T21333_C0190426T21333_CO01  CS_OFFL_SIR_GOPM_2_20190426T2153_20190426T21933_CO01  CS_OFFL_SIR_GOPM_2_20190426T2153_20190426T219550_CO01  CS_OFFL_SIR_GOPM_2_20190426T2153_20190426T21550_CO01  CS_OFFL_SIR_GOPM_2_20190426T2153_20190426T221642_CO01  CS_OFFL_SIR_GOPM_2_20190426T221133_20190426T223117_CO01  CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223339_CO01  CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223389_CO01  CS_OFFL_SIR_GOPM_2_20190426T22348_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T22516_20190426T233810_CO01  CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_CO01  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_CO01  CS_OFFL_SIR_GOPM_2_20190426T123540_20190426T123646_CO01  CS_OFFL_SIR_GOPM_2_20190426T123540_20190426T123646_CO01  CS_OFFL_SIR_GOPM_2_20190426T03227_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T03227_20190426T033257_CO0190426T033251_CO01  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033257_CO0190426T033251_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T033251_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T033251_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T033251_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T033251_CO01  CS_OFFL_SIR_GOPM_2_20190426T130340_20190426T0332515_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T0332515_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T0332515_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T0332515_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T0332515_CO01  CS_OFFL_SIR_GOPM_2_20190426T033257_20190426T033355_CO01  CS_OFFL_SIR_GOPM_2_20190426T213749_20	CS_OFFL_SIR_GOPM_2_20190426T204927_20190426T205206_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_201904267213035_201904267213035_CO01  Ocean Range Averaging Status  CS_OFFL_SIR_GOPM_2_201904267215219_201904267215550_CO01  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averagin	CS_OFFL_SIR_GOPM_2_20190426T205418_20190426T205940_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T215219_20190426T22165D_CO01  CS_OFFL_SIR_GOPM_2_20190426T221533_20190426T221642_CO01  CS_OFFL_SIR_GOPM_2_20190426T221630_20190426T223117_CO01  CS_OFFL_SIR_GOPM_2_20190426T2231830_20190426T223117_CO01  CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223319_CO01  CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T22339_CO01  CS_OFFL_SIR_GOPM_2_20190426T223445_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T2233810_20190426T225057_CO01  CS_OFFL_SIR_GOPM_2_20190426T2233810_20190426T231722_CO01  CS_OFFL_SIR_GOPM_2_20190426T233810_20190426T231722_CO01  CS_OFFL_SIR_GOPM_2_20190426T233810_20190426T231722_CO01  CS_OFFL_SIR_GOPM_2_20190426T233810_20190426T115130_CO01  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_CO01  CS_OFFL_SIR_GOPM_2_20190426T13540_20190426T23646_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T033839_CO01  CS_OFFL_SIR_GOPM_2_20190426T034125_CO01  CS_OFFL_SIR_GOPM_2_20190426	CS_OFFL_SIR_GOPM_2_20190426T210531_20190426T212749_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T221153_20190426T221642_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status F	CS_OFFL_SIR_GOPM_2_20190426T213035_20190426T213933_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T221830_20190426T223117_C001  CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223383_C001  CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223839_C001  CS_OFFL_SIR_GOPM_2_20190426T2234445_20190426T225057_C001  CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T225057_C001  CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T231722_C001  CS_OFFL_SIR_GOPM_2_20190426T233810_20190426T231722_C001  CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001  CS_OFFL_SIR_GOPM_2_20190426T15150_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T123540_20190426T123646_C001  CS_OFFL_SIR_GOPM_2_20190426T235120_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T033102_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T0312043_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T0312043_20190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T05126_0190426T05137_C001  CS_OFFL_SIR_GOPR_2_20190426T05126_0190426T05137_C001  CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_GOPM_2_20190426T215219_20190426T215550_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223839_C001  Cean Range Averaging Status  CS_OFFL_SIR_GOPM_2_20190426T22348_20190426T225657_C001  CS_OFFL_SIR_GOPM_2_20190426T2224445_20190426T225657_C001  CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T231722_C001  CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T231722_C001  CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T123540_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T123540_20190426T123646_C001  CS_OFFL_SIR_GOPM_2_20190426T205251_20190426T205418_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T03203_0190426T0312151_C001  CS_OFFL_SIR_GOPR_2_20190426T03203_0190426T03132151_C001  CS_OFFL_SIR_GOPR_2_20190426T03203_0190426T03132151_C001  CS_OFFL_SIR_GOPR_2_20190426T03203_0190426T03132151_C001  CS_OFFL_SIR_GOPR_2_20190426T03203_0190426T032151210  CCCAN 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 St	CS_OFFL_SIR_GOPM_2_20190426T221153_20190426T221642_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20190426T225346_20190426T225057_C001  CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T225057_C001  CS_OFFL_SIR_GOPM_2_20190426T233810_20190426T231722_C001  CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T123646_C001  CS_OFFL_SIR_GOPM_2_20190426T035251_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPM_2_20190426T034102_20190426T03717_C001  CS_OFFL_SIR_GOPM_2_20190426T035128_20190426T03717_C001  CS_OFFL_SIR_GOPM_2_20190426T132043_20190426T035135_C001  CS_OFFL_SIR_GOPM_2_20190426T132043_20190426T035150_C001  CS_OFFL_SIR_GOPM_2_20190426T132043_20190426T035135_C001  CS_OFFL_SIR_GOPM_2_20190426T132043_20190426T035135_C001  CS_OFFL_SIR_GOPM_2_20190426T132043_20190426T132151_C001  CCS_OFFL_SIR_GOPM_2_20190426T132043_20190426T132151_C001  CCS_OFFL_SIR_GOPM_2_20190426T212749_20190426T213035_C001  CCS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CCS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CCS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215219_C001  CCS_OFFL_SIR_GOPM_2_20190426T215150_20	CS_OFFL_SIR_GOPM_2_20190426T221830_20190426T223117_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T231722_C001  CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001  CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T125540_20190426T115130_C001  CS_OFFL_SIR_GOPM_2_20190426T125540_20190426T123646_C001  CS_OFFL_SIR_GOPM_2_20190426T23540_20190426T205418_C001  CS_OFFL_SIR_GOPM_2_20190426T205251_20190426T205418_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPM_2_20190426T033227_20190426T0334125_C001  CS_OFFL_SIR_GOPM_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPM_2_20190426T034102_20190426T075137_C001  CS_OFFL_SIR_GOPM_2_20190426T03203_20190426T075137_C001  CS_OFFL_SIR_GOPM_2_20190426T03204_20190426T033151_C001  CS_OFFL_SIR_GOPM_2_20190426T03204_20190426T033151_C001  CS_OFFL_SIR_GOPM_2_20190426T03204_20190426T033151_C001  CS_OFFL_SIR_GOPM_2_20190426T03204_20190426T033151_C001  CS_OFFL_SIR_GOPM_2_20190426T03204_20190426T03305_C001  CS_OFFL_SIR_GOPM_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T213035_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  CS_OFFL_SIR_GOPM_2_20190426T215150_20190426T215019_C001  C	CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223839_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001  CS_OFFL_SIR_GOPM_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPN_2_20190426T115014_20190426T123646_C001  CS_OFFL_SIR_GOPN_2_20190426T123540_20190426T123646_C001  CS_OFFL_SIR_GOPN_2_20190426T205251_20190426T2052518_C001  CS_OFFL_SIR_GOPN_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034103_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034103_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T032043_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T0335_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T2150150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233305_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233305_20190426T	CS_OFFL_SIR_GOPM_2_20190426T224445_20190426T225057_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPN_2_20190426T115014_20190426T115130_C001  CS_OFFL_SIR_GOPN_2_20190426T123540_20190426T123646_C001  CS_OFFL_SIR_GOPN_2_20190426T23540_20190426T123646_C001  CS_OFFL_SIR_GOPN_2_20190426T205251_20190426T205418_C001  CS_OFFL_SIR_GOPN_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T235407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T235407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T235407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T235407_C	CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T231722_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPN_2_20190426T123540_20190426T123646_C001  CS_OFFL_SIR_GOPN_2_20190426T205251_20190426T205418_C001  CS_OFFL_SIR_GOPN_2_20190426T205251_20190426T205418_C001  CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T034103_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034103_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CCS_OFFL_SIR_GOPR_2_20190426T215150_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T215150_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T215150_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CCS_OFFL_SIR_GOPR_2_20190426T2333005_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T2333005_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T2333005_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T2333005_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T2333005_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T2333005_20190426T233407_C001  CCS_OFFL_SIR_GOPR_2_20190426T233407_S001  CCS_OFFL_SIR_GOPR	CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPN_2_20190426T205251_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T032043_20190426T032151_C001  CS_OFFL_SIR_GOPR_2_20190426T032043_20190426T032151_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CC_COMPRISE GOPR_2_20190426T233005_20190426T233407_C001  CC_COMPRISE GOPR_2_20190426T233005_20190426T233407_	CS_OFFL_SIR_GOPN_2_20190426T115014_20190426T115130_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CC_COMPRISING_GOPR_2_20190426T233005_20190426T233407_C001  CC_COMPRI	CS_OFFL_SIR_GOPN_2_20190426T123540_20190426T123646_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_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.	CS_OFFL_SIR_GOPN_2_20190426T205251_20190426T205418_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001  CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T23005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T23005_20190426T233407_C001  CS_OFFL_SIR_GOPR_2_20190426T23005_20190426T23005_2019	CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_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.	CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T13235_C001  CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.  The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001  CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001  Ocean Range Averaging Status  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_GOPR_2_20190426T132043_20190426T132151_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPR_2_201904261215150_201904261215219_C001  CS_OFFL_SIR_GOPR_2_201904261233005_201904261233407_C001  Ocean Range Averaging Status  The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001	Ocean Range Averaging Status	
CS OFFE SIR GOPR / 201904261233400 201904261233407 COOL TOCKER RANGE AVERAGING STATUS	CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_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.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20190425T233623_20190426T000605_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.

SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T002521\_20190426T004401\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T004440 20190426T005752 C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T011002\_20190426T011335\_C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T011523\_20190426T013056\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T013259\_20190426T014221\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T020541\_20190426T020701\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T020922 20190426T022141 C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20190426T024804 20190426T025236 C001 Ice Backscatter Averaging Status records. SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T025445\_20190426T030926\_C001 more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T034758\_20190426T035509\_C001 Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T035632 20190426T042041 C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T042308\_20190426T043133\_C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T043414 20190426T045954 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T053312\_20190426T054220\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T054754\_20190426T055907\_C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20190426T060233 20190426T060354 C001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T060520\_20190426T060935\_C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T061307\_20190426T064034\_C001 Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T070545 20190426T072134 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T072625\_20190426T073823\_C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T074431\_20190426T075013\_C001 Ice Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T075138 20190426T075754 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T082916\_20190426T083017\_C001 Backscatter Averaging Status more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T084337 20190426T091733 C001 Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20190426T092335 20190426T092846 C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T093059 20190426T095018 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T100826\_20190426T100851\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T102230\_20190426T105053\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T105058\_20190426T105559\_C001 more records The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20190426T110341 20190426T110754 C001 Ice Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T111014\_20190426T114602\_C001 Backscatter Averaging Status more records. The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T114855\_20190426T115014\_C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T120235 20190426T121313 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T121752\_20190426T121936\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T122009\_20190426T123526\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20190426T123713 20190426T124233 C001 Ice Backscatter Averaging Status records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T125344\_20190426T130608\_C001 Backscatter Averaging Status more records The SWH and Ocean Averaging Status Flags have been set for one or SWH Averaging Status, Ocean CS OFFL SIR GOPM 2 20190426T130757 20190426T132043 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T132151 20190426T132515 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T134742\_20190426T135712\_C001 **Backscatter Averaging Status** more records The SWH and Ocean Averaging Status Flags have been set for one or SWH Averaging Status, Ocean CS\_OFFL\_SIR\_GOPM\_2\_20190426T135914\_20190426T141428\_C001 Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20190426T141638 20190426T142133 C001 Ice Backscatter Averaging Status records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T142208\_20190426T142325\_C001 Ice Backscatter Averaging Status records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T142938\_20190426T143254\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T145143\_20190426T150034\_C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T153739\_20190426T155329\_C001 Backscatter Averaging Status more records The Ice Backscatter Averaging Status Flag has been set for one or more CS OFFL SIR GOPM 2 20190426T155619 20190426T160100 C001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T160106\_20190426T160115\_C001 Ice Backscatter Averaging Status records The Ice Backscatter Averaging Status Flag has been set for one or more CS\_OFFL\_SIR\_GOPM\_2\_20190426T160122\_20190426T160246\_C001 Ice Backscatter Averaging Status SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS OFFL SIR GOPM 2 20190426T160710 20190426T163034 C001 Backscatter Averaging Status more records SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or CS\_OFFL\_SIR\_GOPM\_2\_20190426T163037\_20190426T163429\_C001 Backscatter Averaging Status more records.

	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20190426T173559_20190426T174000_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T174620_20190426T175815_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR GOPM 2 20190426T180349 20190426T181344 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 GOPM 2 20190426T184527 20190426T191258 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_GOPM_2_20190426T191432_20190426T191914_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_GOPM_2_20190426T192604_20190426T200041_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_GOPM_2_20190426T204506_20190426T204727_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20190426T204927_20190426T205206_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T205418_20190426T205940_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T210531_20190426T212749_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T213035_20190426T213933_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T215219_20190426T215550_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T221153_20190426T221642_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T221830_20190426T223117_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T223348_20190426T223839_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T224445_20190426T225057_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T225106_20190426T231722_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPM_2_20190426T233810_20190427T000618_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190426T115014_20190426T115130_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190426T123540_20190426T123646_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20190426T205251_20190426T205418_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190426T033227_20190426T033839_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190426T034102_20190426T034125_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190426T075128_20190426T075137_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190426T132043_20190426T132151_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190426T212749_20190426T213035_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190426T215150_20190426T215219_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20190426T233005_20190426T233407_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

## 5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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

Number of products with errors:

## 6. GOP L2 Pole-to-Pole Data Quality Check

## 6.1 P2P Product Format Check

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

Number of products with errors:

### 6.2 P2P Product Header Analysis

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

Number of products with errors:

## 6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

### 6.4 P2P Auxiliary Correction Error Check

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

Number of products with errors:

#### 6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20190426T015743_20190426T024717_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220190426T151132_20190426T160106_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

## 6.6 P2P Range Measurement Check

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

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

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

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

Number of products with errors:

20

Number of products with errors: 30		
Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20190425T232850_20190426T001830_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T001830_20190426T010804_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T010804_20190426T015743_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T015743_20190426T024717_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T024717_20190426T033657_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T033657_20190426T042631_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T042631_20190426T051611_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T051611_20190426T060545_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T060545_20190426T065524_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T065524_20190426T074458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T074458_20190426T083438_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T083438_20190426T092412_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T092412_20190426T101351_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T101351_20190426T110325_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T110325_20190426T115305_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T115305_20190426T124239_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T124239_20190426T133218_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T133218_20190426T142152_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T142152_20190426T151132_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T151132_20190426T160106_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T160106_20190426T165046_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T165046_20190426T174020_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T174020_20190426T182959_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T182959_20190426T191933_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T191933_20190426T200913_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T200913_20190426T205847_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T205847_20190426T214826_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T214826_20190426T223800_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T223800_20190426T232740_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T232740_20190427T001714_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

### 6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors:

30

Product	Test Foiled	Description
Product	Test Failed SWH Averaging Status, Ocean	Description The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOP_220190425T232850_20190426T001830_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOP_2_20190426T001830_20190426T010804_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T010804_20190426T015743_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T015743_20190426T024717_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T024717_20190426T033657_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T033657_20190426T042631_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T042631_20190426T051611_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T051611_20190426T060545_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T060545_20190426T065524_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T065524_20190426T074458_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T074458_20190426T083438_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T083438_20190426T092412_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T092412_20190426T101351_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T101351_20190426T110325_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T110325_20190426T115305_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T115305_20190426T124239_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T124239_20190426T133218_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T133218_20190426T142152_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T142152_20190426T151132_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T151132_20190426T160106_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T160106_20190426T165046_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T165046_20190426T174020_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T174020_20190426T182959_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T182959_20190426T191933_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T191933_20190426T200913_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T200913_20190426T205847_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T205847_20190426T214826_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T214826_20190426T223800_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T223800_20190426T232740_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_220190426T232740_20190427T001714_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

## 6.8 P2P Ocean Retracking Quality Check

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

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

Number of products with errors:

27

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20190426T001830_20190426T010804_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T010804_20190426T015743_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T015743_20190426T024717_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T024717_20190426T033657_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T033657_20190426T042631_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T042631_20190426T051611_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T051611_20190426T060545_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T060545_20190426T065524_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T065524_20190426T074458_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T074458_20190426T083438_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T083438_20190426T092412_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T101351_20190426T110325_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T110325_20190426T115305_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T115305_20190426T124239_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T124239_20190426T133218_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20190426T133218_20190426T142152_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T142152_20190426T151132_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T151132_20190426T160106_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T160106_20190426T165046_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T165046_20190426T174020_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T174020_20190426T182959_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T182959_20190426T191933_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T191933_20190426T200913_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T200913_20190426T205847_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T214826_20190426T223800_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T223800_20190426T232740_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220190426T232740_20190427T001714_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.