



1. Overview

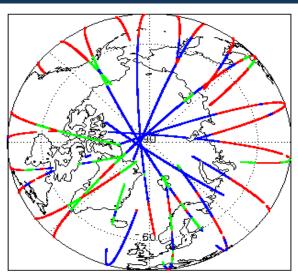
	40.14 00.40			
Report Production:	13-May-2019			
Processor Used:	CryoSat Ocean Processor			
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data			

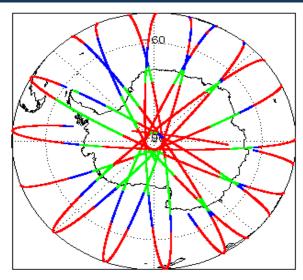
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence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

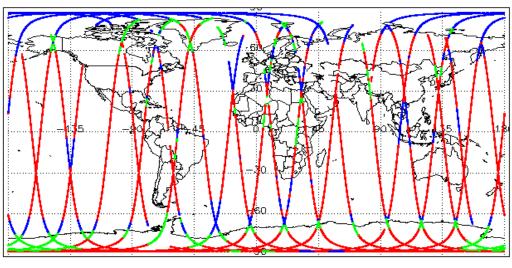
wission / instrument news		
10-May-2019 11-May-2019	None	
11-May-2019	None	

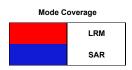
12-May-2019 Nothing planned

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. NOP 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.

Dynamic Atmospheric Correction: The DAC is missing in all products because the auxiliary files required are not available in time for processing. This known and expected behaviour.

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:

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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 NOPR 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_NOPM1B_20190511T084235_20190511T084650_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20190511T172829_20190511T173356_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

22

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190511T173835_20190511T180437_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T013105_20190511T013721_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T023054_20190511T023303_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T041008_20190511T041453_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T064225_20190511T064349_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T072101_20190511T072135_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T072314_20190511T072409_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T103756_20190511T103844_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T103924_20190511T104143_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T122141_20190511T122243_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T181455_20190511T181634_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190511T204306_20190511T204351_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T024633_20190511T024711_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T054039_20190511T055041_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T090130_20190511T090334_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T090344_20190511T091505_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T135135_20190511T135236_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T135512_20190511T135605_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T135910_20190511T135934_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T154008_20190511T154518_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T181634_20190511T181838_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190511T204814_20190511T205041_C001	Loss of Echo	The tracking echo is missing for one or more records

5. NOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

0

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190511T084235_20190511T084650_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20190511T172829_20190511T173356_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

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

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

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

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

Number of products with errors: 74

Display of the Large North 2, 201000111000011_00000011000000_0001 Court Range Amerging Status The Lorent Range Amerging Status The Clarge R	Product	Test Failed	Description
Seet nergy Averaging Status For PLANT NORTH 2, 20100511100310, 20100511100310, CORT NORTH ACTION TO THE NORTH 2, 20100511100310, 20100511100310, CORT NORTH 2, 20100511100310, 20100511100310, CORT NORTH 2, CORT NORTH	CS_OFFL_SIR_NOPM_2_20190511T000253_20190511T000535_C001	Ice Range Averaging Status	
SCOPEL_SIN_NORM_2_20186511100361_2018651100365_C001 Open Range Averaging Status This Open Range Averaging Status Flig has been set for one or more CB_OPEL_SIN_NORM_2_20186511101203_20186511010315_C001 Oban Range Averaging Status This Open Range Averaging Status Flig has been set for one or more cond. CB_OPEL_SIN_NORM_2_20186511101203_2018651100315_C001 Oban Range Averaging Status This Open Range Averaging Status Flig has been set for one or more cond. CB_OPEL_SIN_NORM_2_2018661110203_2018651100315_C001 Oban Range Averaging Status This Open Range Averaging Status This Open Range Averaging Status Flig has been set for one or more cond. CB_OPEL_SIN_NORM_2_2018661110203_010051100203_C001 Oban Range Averaging Status This Open Range Averaging Status	CS_OFFL_SIR_NOPM_2_20190511T000738_20190511T003615_C001	Ocean Range Averaging Status	
Co. OFFL. SRI, NORM 2, 20100511700312, 2010051700310, 0001 Co. OFFL. SRI, NORM 2, 2010051700310, 2010051700310, 0001 Co. OFFL. SRI, NORM 2, 20100517003100, 2010051700310, 0001 Co. OFFL. SRI, NORM 2, 2010051700320, 2010051700310, 0001 Co. OFFL.	CS_OFFL_SIR_NOPM_2_20190511T005239_20190511T005631_C001	Ice Range Averaging Status	
Scort List North 2 20180511700410 20190511700410 2019 CS_OFFL_SIR_NORM 2 20180511700550 20190511700510 2019051700410 20190517	CS_OFFL_SIR_NOPM_2_20190511T005758_20190511T011344_C001	Ocean Range Averaging Status	
CS-OFF_SIR_NOPM_2 20190511T00310_2010051T000450_0001 CS_OFF_SIR_NOPM_2 2019051T100310_2010051T000450_0001 CS_OFF_SIR_NOPM_2 2019051T100310_2010051T000450_0001 CS_OFF_SIR_NOPM_2 2019051T1003100_2010051T000450_0001 CS_OFF_SIR_NOPM_2 2019051T1003500_2010051T000450_0001 CS_OFF_SIR_NOPM_2 2019051T1003500_2010051T1000350_0001 CS_OFF_SIR_NOPM_2 2019051T1003500_2010051T000350_0001 CS_OFF_SIR_NOPM_2 2019051T1003500_2010051T1000350_0001 CS_	CS_OFFL_SIR_NOPM_2_20190511T012003_20190511T013105_C001	Ocean Range Averaging Status	
CS OPFL, SR NOPM 2 20190511026032 201905111026035 2010 CS OPFL SR NOPM 2 20190511024001 201905111024053 2010 CS OPFL SR NOPM 2 20190511024034 201905111024051 20100511024053 2010 CS OPFL SR NOPM 2 20190511024034 20190511102401 20100511024053 2010 CS OPFL SR NOPM 2 20190511024034 20190511102510 2010 CS OPFL SR NOPM 2 20190511702603 20190511102500 2010 CS OPFL SR NOPM 2 20190511702603 20190511105004 2010 CS OPFL SR NOPM 2 20190511702603 20190511105004 2010 CS OPFL SR NOPM 2 20190511702603 20190511105004 2010 CS OPFL SR NOPM 2 20190511705003 20190511105007 2010 CS OPFL SR NOPM 2 20190511705003 20190511105007 2010 CS OPFL SR NOPM 2 20190511705004 20190511105001 2010 CS OPFL SR NOPM 2 20190511705004 20190511705001 2010 CS OPFL SR NOPM 2 20190511705004 20190511705001 2010 CS OPFL SR NOPM 2 20190511705004 20190511707001 2010 CS OPFL SR NOPM 2 20190511705004 20190511707002 2010 CS OPFL SR NOPM 2 20190511705004 20190511707002 2010 CS OPFL SR NOPM 2 20190511705004 20190511707003 2010 CS OPFL SR NOPM 2 20190511705004 20190511707003 2010 CS OPFL SR NOPM 2 20190511705004 20190511705000 2010 CS OPFL SR NOPM 2 20190511705004 20190511705000 2010 CS OPFL SR NOPM 2 20190511705004 20190511705000 2010 CS OPFL SR NOPM 2 20190511705000 20190511705000 2010 CS OPFL SR NOP	CS_OFFL_SIR_NOPM_2_20190511T014017_20190511T014443_C001	Ice Range Averaging Status	
CS_OFFL_SR_NOPM_2_20190511704303_C010 CS_OFFL_SR_NOPM_2_20190511704304_C010 CS_OFFL_SR_NOPM_2_20190511704304_C010 CS_OFFL_SR_NOPM_2_20190511704304_C010 CS_OFFL_SR_NOPM_2_20190511704304_C010 CS_OFFL_SR_NOPM_2_20190511704304_C010 CS_OFFL_SR_NOPM_2_2019051704304_C010 CS_OFFL_SR_NOPM_2_2019051704304_C010 CS_OFFL_SR_NOPM_2_2019051704304_C010 CS_OFFL_SR_NOPM_2_2019051704304_C010 CS_OFFL_SR_NOPM_2_2019051704304_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517105040_C010 CS_OFFL_SR_NOPM_2_20190517050502_C019051705040_C010 CS_OFFL_SR_NOPM_2_20190517050502_C019051705040_C010 CS_OFFL_SR_NOPM_2_20190517050502_C019051705040_C010 CS_OFFL_SR_NOPM_2_20190517050502_C019051705040_C010 CS_OFFL_SR_NOPM_2_20190517050502_C019051705040_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517050502_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517050502_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517050502_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517050502_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517050502_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517050502_C010 CS_OFFL_SR_NOPM_2_20190517050502_C0190517060502_C0190517060502_C0190517060502_C0190517060502_C019051706005	CS_OFFL_SIR_NOPM_2_20190511T014714_20190511T020130_C001	Ocean Range Averaging Status	
Co. OFFL. SR. NOPM_2_20190511103302_20190511033326_0001 Co. OFFL. SR. NOPM_2_2019051103302_2019051103336_0010 Co. OFFL. SR. NOPM_2_2019051103302_2019051103336_0010 Co. OFFL. SR. NOPM_2_2019051103302_2019051103306_0010 Co. OFFL. SR. NOPM_2_2019051103302_2019051103306_0010 Co. OFFL. SR. NOPM_2_2019051103302_2019051103306_0010 Co. OFFL. SR. NOPM_2_2019051103302_2019051103306_0010 Co. OFFL. SR. NOPM_2_2019051103306_0010 Co. OFFL. SR. NOPM_2_20190511030606_0010 Co. OFFL. SR. NOPM_2_20190511030606_0010 Co. OFFL. SR. NOPM_2_20190511030606_0010 Co. OFFL. SR. NOPM_2_20190511030606_0010 Co. OFFL. SR. NOPM_2_2019051100306_0010 Co. OFFL. SR. NOPM_2_2019051100306_00100000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190511T020310_20190511T020553_C001	Ocean Range Averaging Status	
Co. OFFL_SR_NOPM_2 20190511703150_2019051703010_001 Co. OFFL_SR_NOPM_2 201905171030351_20190517030010_001 Co. OFFL_SR_NOPM_2 201905171030351_20190517030010_001 Co. OFFL_SR_NOPM_2 201905171030351_20190517030010_001 Co. OFFL_SR_NOPM_2 2019051704572_20190517045100_001 Co. OFFL_SR_NOPM_2 2019051704572_20190517050307_001 Co. OFFL_SR_NOPM_2 2019051705052_0190517050307_001 Co. OFFL_SR_NOPM_2 20190517060502_0190517050307_001 Co. OFFL_SR_NOPM_2 20190517060502_0190517060307_001 Co. OFFL_SR_NOPM_2 20190517060502_0190517060307_001 Co. OFFL_SR_NOPM_2 2019051706402_0190517060303_001 Co. OFFL_SR_NOPM_2 2019051706402_0190517060303_001 Co. OFFL_SR_NOPM_2 2019051706402_0190517064030_001 Co. OFFL_SR_NOPM_2 2019051706402_0190517064030_001 Co. OFFL_SR_NOPM_2 2019051706403_0190517064030_001 Co. OFFL_SR_NOPM_2 2019051706403_0190517064030_001 Co. OFFL_SR_NOPM_2 2019051706403_019051707001_001 Co. OFFL_SR_NOPM_2 20190517070640_019051707001_001 Co. OFFL_SR_NOPM_2 20190517070640_019051707004_001 Co. OFFL_SR_NOPM_2 20190517070640_019051707004_001 Co. OFFL_SR_NOPM_2 20190517070640_019051707004_001 Co. OFFL_SR_NOPM_2 20190517070640_019051707004_001 Co. OFFL_SR_NOPM_2 20190517070640_0190517070640_001 Co. OFFL_SR_NOPM_2 20190517070640_0190517070640_001 Co. OFFL_SR_NOPM_2 20190517070640_0190517070640_001 Co. OFFL_SR_NOPM_2 20190517070640_00106417070640_001 Co. OFFL_SR_NOPM_2 20190517070640_00106417070640_001 Co. OFFL_SR_NOPM_2 20190517064050_00106417070640_001 Co. OFFL_SR_NOPM_2 20190517064050_00106417070640_001 Co. OFFL_SR_NOPM_2 20190517064050_00106417070640_001 Co. OFFL_SR_NOPM_2 20190517070640_00106417070640_001 Co. OFFL_SR_NOPM_2 20190517064050_00106417070640_001 Co. OFFL_SR_NOPM_2 20190517	CS_OFFL_SIR_NOPM_2_20190511T024001_20190511T024633_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T002631_20190511T00500_C001 CS_OFFL_SIR_NOPM_2_20190511T004772_20190511T005046_C001 CS_OFFL_SIR_NOPM_2_20190511T004723_20190511T005057_C001 CS_OFFL_SIR_NOPM_2_20190511T006052_20190511T063007_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_20190511T063007_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_20190511T063007_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_2019051T006307_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_2019051T006307_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_2019051T006205_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_2019051T006205_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_2019051T006205_C001 CS_OFFL_SIR_NOPM_2_2019051T006052_2019051T006205_C001 CS_OFFL_SIR_NOPM_2_2019051T006050_2019051T006050_C001 CS_OFFL_SIR_NOPM_2_2019051T1006050_2019051T006050_C001 CS_OFFL_SIR_NOPM_2_2019051T1006050_2019051T006050_C001 CS_OFFL_SIR_NOPM_2_2019051T1006050_2019051T006050_C001 CS_OFFL_SIR_NOPM_2_2019051T1006050_2019051T006050_C001 CS_OFFL_SIR_NOPM_2_2019051T1006050_2019051T006050_C001 CS_OFFL_SIR_NOPM_2_2019051T1006050_2019051T006050_C001 CS_OFFL_SIR_NOPM_2_2019051T1006050_2019051T006050_C	CS_OFFL_SIR_NOPM_2_20190511T024834_20190511T031211_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T004572_20190511T004500_C001 CS_OFFL_SIR_NOPM_2_20190511T004572_20190511T004500_C001 CS_OFFL_SIR_NOPM_2_20190511T004572_20190511T004500_C001 CS_OFFL_SIR_NOPM_2_20190511T004572_20190511T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004572_20190511T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004572_20190511T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004572_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004400_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T004500_C001 CS_OFFL_SIR_NOPM_2_2019051T1004500_C001 CS_OFFL_SIR_NOPM_2_2019051T1004500_C001	CS_OFFL_SIR_NOPM_2_20190511T031506_20190511T032356_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T08273_20190511T08392_COULD Cean Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T085925_2019051T08392_COULD Cean Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086932_2019051T08392_COULD Cean Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086932_2019051T08392_COULD Cean Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086932_COULD CEAN Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086932_COULD CEAN Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086932_COULD CEAN Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086940_COULD CEAN Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086940_COULD CEAN Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T0765210_COULD COULD CEAN Range Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T076530_COULD CEAN RANGE Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T076308_COULD CEAN RANGE Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086310_COULD CEAN RANGE Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086320_COULD CEAN RANGE Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T086320_COULD CEAN RANGE Averaging Status Find CR. SOFFL_SIR_NOPM_2_2019051T08630_COULD CEAN RANGE Averaging S	CS_OFFL_SIR_NOPM_2_20190511T032631_20190511T035010_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T06522_2019051T060512_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T065540_2019051T061339_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T065540_2019051T064252_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T065540_2019051T064252_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T065530_2019051T064252_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T065530_2019051T064252_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T066521_2019051T066511_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T066521_2019051T070001_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T070040_2019051T070001_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T070040_2019051T0700201_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T070040_2019051T0700201_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T070040_2019051T0700201_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T070040_2019051T070225_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T070040_2019051T070225_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T070304_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T0703040_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_2019051T006540_2019051T00400_COULD Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_	CS_OFFL_SIR_NOPM_2_20190511T041710_20190511T045100_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511705584_201905117062051_COULD Coean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190511706305_201905117062051_COULD Coean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190511706305_20190511706205_COULD Coean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190511706305_20190511706205_COULD Coean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190511706205_COULD Coean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190511706205_COULD COEAN RANGE AVERAGING STATUS CS_OFFL_SIR_NOPM_2_20190511707205_COULD COEAN RANGE AVERAGING STATUS CS_OFFL_SIR_NOPM_2_201905117073506_20190511706205_COULD COEAN RANGE AVERAGING STATUS CS_OFFL_SIR_NOPM_2_201905117063502_COULD COEAN RANGE AVERAGING	CS_OFFL_SIR_NOPM_2_20190511T045723_20190511T050146_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_201905111036313_2019051106331_0001 CSan Range Averaging Status The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag	CS_OFFL_SIR_NOPM_2_20190511T050552_20190511T053057_C001	Ocean Range Averaging Status	
CS_OFF_SIR_NOPM_2_0190511T063636_20190511T06425_C001 CS_OFF_SIR_NOPM_2_0190511T06405_20190511T064215_C001 CS_OFF_SIR_NOPM_2_0190511T06405_20190511T070511_C001 CS_OFF_SIR_NOPM_2_0190511T06405_20190511T070511_C001 CS_OFF_SIR_NOPM_2_0190511T070549_20190511T070040_C001 CS_OFF_SIR_NOPM_2_0190511T070549_20190511T071024_C001 CS_OFF_SIR_NOPM_2_0190511T070549_20190511T070245_C001 CS_OFF_SIR_NOPM_2_0190511T070549_20190511T070250_C001 CS_OFF_SIR_NOPM_2_0190511T070549_20190511T072255_C001 CS_OFF_SIR_NOPM_2_0190511T073508_20190511T080851_C001 CS_OFF_SIR_NOPM_2_0190511T073508_20190511T082056_C001 CS_OFF_SIR_NOPM_2_0190511T073508_20190511T082056_C001 CS_OFF_SIR_NOPM_2_0190511T073508_20190511T082056_C001 CS_OFF_SIR_NOPM_2_0190511T073508_20190511T082056_C001 CS_OFF_SIR_NOPM_2_0190511T073508_0190511T082056_C001 CS_OFF_SIR_NOPM_2_0190511T073508_0190511T082541_C001 CS_OFF_SIR_NOPM_2_0190511T073508_0190511T082541_C001 CS_OFF_SIR_NOPM_2_0190511T073508_0190511T082541_C001 CS_OFF_SIR_NOPM_2_0190511T073508_0190511T0705050_C001 CS_OFF_SIR_NOPM_2_0190511T070549_0190511T0705050_C001 CS_OFF_SIR_NOPM_2_0190511T070549_0190511T0705050_C001 CS_OFF_SIR_NOPM_2_0190511T070549_0190511T0705050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T0705050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T0705050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T0705050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T070507_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T00507_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T0050500_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T005050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T0050500_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T005050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T0050500_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T005050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T005050_C001 CS_OFF_SIR_NOPM_2_0190511T0705050_0190511T005050_C001 CS_OFF_SIR_NOPM_2_0190511T1005050_0190511T1005050_C001 CS_OFF_SIR_NOPM_2_019051T1005050_0190511T1005050_C001 CS_OFF_SIR_NO	CS_OFFL_SIR_NOPM_2_20190511T055849_20190511T061339_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T068210_2019051T107001_CO1 CS_OFFL_SIR_NOPM_2_2019051T0708405_2019051T07001_CO1 CS_OFFL_SIR_NOPM_2_2019051T070849_2019051T070024_CO01 CS_OFFL_SIR_NOPM_2_2019051T070849_2019051T070225_CO01 CS_OFFL_SIR_NOPM_2_2019051T070236_2019051T070225_CO01 CS_OFFL_SIR_NOPM_2_2019051T07236_2019051T070225_CO01 CS_OFFL_SIR_NOPM_2_2019051T07236_2019051T070225_CO01 CS_OFFL_SIR_NOPM_2_2019051T073508_2019051T080851_CO01 CS_OFFL_SIR_NOPM_2_2019051T081542_2019051T080851_CO01 CS_OFFL_SIR_NOPM_2_2019051T082542_2019051T082541_CO01 CS_OFFL_SIR_NOPM_2_2019051T082542_2019051T082542_CO01 CS_OFFL_SIR_NOPM_2_2019051T082742_2019051T082542_CO01 CS_OFFL_SIR_NOPM_2_2019051T083210_2019051T082742_CO01 CS_OFFL_SIR_NOPM_2_2019051T083210_2019051T083200_CO01 CS_OFFL_SIR_NOPM_2_2019051T083210_C001 CS_OFFL_SIR_NOPM_2_2019051T083210_C001 CS_OFFL_SIR_NOPM_2_2019051T083210_C001 CS_OFFL_SIR_NOPM_2_2019051T083205_0019051T08205_C001 CS_OFFL_SIR_NOPM_2_2019051T083205_0019051T08205_C001 CS_OFFL_SIR_NOPM_2_2019051T083205_0019051T08205_C001 CS_OFFL_SIR_NOPM_2_2019051T083205_0019051T08205_C001 CS_OFFL_SIR_NOPM_2_2019051T083205_0019051T08205_C001 CS_OFFL_SIR_NOPM_2_2019051T083205_0019051T090130_C001 CS_OFFL_SIR_NOPM_2_2019051T091505_0019051T1090130_C001 CS_OFFL_SIR_NOPM_2_2019051T1092805_2019051T1090300_C001 CS_OFFL_SIR_NOPM_2_2019051T1092805_2019051T1090130_C001 CS_OFFL_SIR_NOPM_2_2019051T1095805_001051T1090130_C001 CS_OFFL_SIR_NOPM_2_2019051T1095805_001051T1090130_C001 CS_OFFL_SIR_NOPM_2_2019051T1095805_001051T1090130_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_2019051T10035549_2019051T10095805_C001 CS_OFFL_SIR_NOPM_2_20190	CS_OFFL_SIR_NOPM_2_20190511T061913_20190511T063017_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T065210_2019051T070010_C001 CS_OFFL_SIR_NOPM_2_2019051T070049_2019051T07004_C001 CS_OFFL_SIR_NOPM_2_2019051T070049_2019051T070040_C001 CS_OFFL_SIR_NOPM_2_2019051T070049_2019051T0702406_C001 CS_OFFL_SIR_NOPM_2_2019051T070049_2019051T0702406_C001 CS_OFFL_SIR_NOPM_2_2019051T070049_2019051T070040600000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190511T063636_20190511T064225_C001	Ice Range Averaging Status	
Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_201905111070249_20190511070225_C001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_201905111072256_C001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_201905111072356_201905111082556_C001 CS_OFFL_SIR_NOPM_2_201905111082356_201905111082556_C001 CS_OFFL_SIR_NOPM_2_201905111082356_201905111082556_C001 CS_OFFL_SIR_NOPM_2_201905111082356_201905111082556_C001 CS_OFFL_SIR_NOPM_2_201905111082350_201905111082556_C001 CS_OFFL_SIR_NOPM_2_201905111082350_201905111082561_C001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_201905111082350_201905111082561_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_201905111082742_201905111083622_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 O	CS_OFFL_SIR_NOPM_2_20190511T064405_20190511T065131_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T08236_20190511T08254_C001 CS_OFFL_SIR_NOPM_2_20190511T08258_20190511T082556_C001 CS_OFFL_SIR_NOPM_2_20190511T08258_20190511T08256_C001 CS_OFFL_SIR_NOPM_2_20190511T082558_20190511T08256_C001 CS_OFFL_SIR_NOPM_2_20190511T08256_C001 CS_OFFL_SIR_NOPM_2_20190511T082550_20190511T082541_C001 CS_OFFL_SIR_NOPM_2_20190511T082542_C0190511T082541_C001 CS_OFFL_SIR_NOPM_2_20190511T082542_C0190511T082542_C001 CS_OFFL_SIR_NOPM_2_20190511T082542_C0190511T083622_C001 CS_OFFL_SIR_NOPM_2_20190511T083525_20190511T083622_C001 CS_OFFL_SIR_NOPM_2_20190511T083515_C0190511T083062_C001 CS_OFFL_SIR_NOPM_2_20190511T083515_C0190511T093062_C001 CS_OFFL_SIR_NOPM_2_20190511T083515_C0190511T093062_C001 CS_OFFL_SIR_NOPM_2_20190511T085615_C0190511T09306_C001 CS_OFFL_SIR_NOPM_2_20190511T085615_C0190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T09555_C0190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T09555_C0190511T095590_C001 CS_OFFL_SIR_NOPM_2_20190511T09555_C0190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T09555_C0190511T1095959_C001 CS_OFFL_SIR_NOPM_2_20190511T09559_C0190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T09555_C0190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T09555_C0190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T10550_20190511T102514_C001 CS_OFFL_SIR_NOPM_2_20190511T10550_20190511T102514_C001 CS_OFFL_SIR_NOPM_2_20190511T10550_20190511T102410_C001 CS_OFFL_SIR_NOPM_2_20190511T10550_20190511T102501_C001 CCS_OFFL_SIR_NOPM_2_20190511T10550_20190511T102501_C001 CCS_OFFL_SIR_NOPM_2_20190511T10550_20190511T102501_C001 CCS_OFFL_SIR_NOPM_2_20190511T10550_20190511T102501_C001 CCS_OFFL_SIR_NOPM_2_20190511T105500_20190511T102410_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_NOPM_2_20190511T065210_20190511T070001_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T08256_C001 CS_OFFL_SIR_NOPM_2_20190511T082550_20190511T082556_C001 CS_OFFL_SIR_NOPM_2_20190511T082550_20190511T08256_C001 CS_OFFL_SIR_NOPM_2_20190511T082550_20190511T082541_C001 CS_OFFL_SIR_NOPM_2_20190511T082550_20190511T082541_C001 CS_OFFL_SIR_NOPM_2_20190511T08250_20190511T082541_C001 CS_OFFL_SIR_NOPM_2_20190511T08250_20190511T082541_C001 CS_OFFL_SIR_NOPM_2_20190511T08250_20190511T083148_C001 CS_OFFL_SIR_NOPM_2_20190511T083210_20190511T083622_C001 CS_OFFL_SIR_NOPM_2_20190511T083210_20190511T083622_C001 CS_OFFL_SIR_NOPM_2_20190511T083625_20190511T084201_C001 CS_OFFL_SIR_NOPM_2_20190511T083625_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T095815_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T09505_20190511T090510_C001 CS_OFFL_SIR_NOPM_2_20190511T09505_20190511T09050_C001 CS_OFFL_SIR_NOPM_2_20190511T09505_20190511T09050_C001 CS_OFFL_SIR_NOPM_2_20190511T09505_20190511T09050_C001 CS_OFFL_SIR_NOPM_2_20190511T09505_20190511T09050_C001 CS_OFFL_SIR_NOPM_2_20190511T0955549_20190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T1095549_20190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T1005520_20190511T109505_C001 CS_OFFL_SIR_NOPM_2_20190511T1005520_20190511T109505_C001 CS_OFFL_SIR_NOPM_2_20190511T1005520_20190511T109501_C001 CS_OFFL_SIR_NOPM_2_20190511T1005520_20190511T100501_C001 CS_OFFL_SIR_NOPM_2_20190511T105509_20190511T100510_C001 CS_OFFL_SIR_NOPM_2_20190511T105509_20190511T102410_C001 CS_OFFL_SIR_NOPM_2_20190511T105509_20190511T102410_C001 CS_OFFL_SIR_NOPM_2_20190511T105509_20190511T102410_C001 CS_OFFL_SIR_NOPM_2_20190511T105509_20190511T102410_C001 CS_OFFL_SIR_NOPM_2_20190511T105502_20190511T102410_C001 CS_OFFL_SIR_NOPM_2_20190511T105502_20190511T102410_C001 CS_OFFL_SIR_NOPM_2_20190511T105502_20190511T1005100_C001 CS_OFFL_SIR_NOPM_2_20190511T105502_20190511T10540_C001 CS_OFFL_SIR_NOPM_2_20190511T105502_20190511T10540_C001 CS_OFFL_SIR_NOPM_2_20190511T105502_20190511T10540_C001 CS_OFFL_SIR_NOPM_2_20190511T105502_20190511T10540_C001 CS_OFFL_SIR_NOPM_2_20	CS_OFFL_SIR_NOPM_2_20190511T070849_20190511T071024_C001	Ocean Range Averaging Status	
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CS_OFFL_SIR_NOPM_2_20190511T082742_20190511T083148_C001 CS_OFFL_SIR_NOPM_2_20190511T082742_20190511T083148_C001 CS_OFFL_SIR_NOPM_2_20190511T083210_20190511T083622_C001 CS_OFFL_SIR_NOPM_2_20190511T083210_20190511T083622_C001 CS_OFFL_SIR_NOPM_2_20190511T083652_20190511T084201_C001 CS_OFFL_SIR_NOPM_2_20190511T08565_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T091505_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T091505_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T09599_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T09599_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T0957_C001 CS_OFFL_SIR_NOPM_2_20190511T101511_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102414_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102414_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102414_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T11341_C001 CS_OFFL_SIR_NOPM_2_20190511T112414_20190511T11378_C001 CS_OFFL_SIR_NOPM_2_20190511T112414_20190511T11378_C001 CS_OFFL_SIR_NOPM_2_20190511T112502_20190511T11341_C001 CS_OFFL_SIR_NOPM_2_20190511T112502_20190511T11341_C001 CS_OFFL_SIR_NOPM_2_20190511T112502_20190511T11341_C001 CS_OFFL_SIR_NOPM_2_20190511T112542_20190511T11378_C001 CS_OFFL_SIR_NOPM_2_20190511T112542_20190511T11378_C001 CS_OFFL_SIR_NOPM_2_20190511T112542_20190511T11378_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T11378_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T11378_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T13341_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T13341_C001 CS_OFFL_SIR_NOPM_2_20190511T113441_C0190511T13545_00100511T13545_00100511T13545_00100511T13545_00100511T13545_00100511T13545_0	CS_OFFL_SIR_NOPM_2_20190511T081542_20190511T082056_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T083210_20190511T083622_C001 CS_OFFL_SIR_NOPM_2_20190511T083625_20190511T084201_C001 CS_OFFL_SIR_NOPM_2_20190511T085815_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T085815_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T085815_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T09552_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T095532_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T095599_C001 CS_OFFL_SIR_NOPM_2_20190511T0935549_20190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T00325_20190511T01507_C001 CS_OFFL_SIR_NOPM_2_20190511T10325_20190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T103502_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T10241_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T10341_C001 CCC_ORRANGE 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 Rang	CS_OFFL_SIR_NOPM_2_20190511T082350_20190511T082541_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T083625_20190511T084201_C001 CS_OFFL_SIR_NOPM_2_20190511T085815_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T085815_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T091505_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T095599_C001 CS_OFFL_SIR_NOPM_2_20190511T0035549_20190511T095599_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T01507_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T10570_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T10570_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T10570_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T10570_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T10570_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T1105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T11050_20190511T113716_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113786_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113786_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113786_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113845_C001 CCEAN 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 R	CS_OFFL_SIR_NOPM_2_20190511T082742_20190511T083148_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T085815_20190511T090130_C001 CS_OFFL_SIR_NOPM_2_20190511T091505_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T1095549_20190511T1095959_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T101511_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T102509_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T102509_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T102509_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T102914_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T102914_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T102914_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T102914_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T102914_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T11372	CS_OFFL_SIR_NOPM_2_20190511T083210_20190511T083622_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T09552_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T092349_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T095599_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T1057_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T1057_C001 CS_OFFL_SIR_NOPM_2_20190511T101511_20190511T102113_C001 CS_OFFL_SIR_NOPM_2_20190511T102509_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CC_CORN_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	CS_OFFL_SIR_NOPM_2_20190511T083625_20190511T084201_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T094800_C001 CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T1095549_20190511T095959_C001 CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T10507_C001 CS_OFFL_SIR_NOPM_2_20190511T101511_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T101511_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T102509_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T10950351T110920311T10905031T1099031T1099031T1099031T1099031T1	CS_OFFL_SIR_NOPM_2_20190511T085815_20190511T090130_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T1092635_20190511T1095959_C001 CS_OFFL_SIR_NOPM_2_20190511T1092549_20190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T10325_20190511T101507_C001 CS_OFFL_SIR_NOPM_2_20190511T10511_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T10511_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511T115815_C001 CCS_OFFL_SIR_NOPM_2_20190511	CS_OFFL_SIR_NOPM_2_20190511T091505_20190511T092349_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T10325_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T10507_C001 CS_OFFL_SIR_NOPM_2_20190511T10511_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T1114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T115815_C001 CS_OFFL_SIR_NOP	CS_OFFL_SIR_NOPM_2_20190511T092635_20190511T094800_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T10511_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T10511_20190511T102413_C001 CS_OFFL_SIR_NOPM_2_20190511T105509_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001	CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T095959_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T10511_20190511T102914_C001 CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112914_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T115815_C001 CS_OFFL_SIR_NOPM_3_20190511T115815_C001	CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T101507_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T102509_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T112716_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001	CS_OFFL_SIR_NOPM_2_20190511T101511_20190511T102413_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001 Ocean Range Averaging Status 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_NOPM_2_20190511T102509_20190511T102914_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113741_C001	CS_OFFL_SIR_NOPM_2_20190511T105522_20190511T112716_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_201905111113500_201905111113726_0001 ICC Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_NOPM_2_20190511T112914_20190511T113441_C001	Ice Range Averaging Status	
	CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001	Ice Range Averaging Status	
	CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_C001	Ocean Range Averaging Status	

CS_OFFL_SIR_NOPM_2_20190511T115854_20190511T121557_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T121740_20190511T121820_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T123737_20190511T124908_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T125112_20190511T130610_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T130841_20190511T131337_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T131416_20190511T131537_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T132240_20190511T133500_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T133941_20190511T135134_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T143034_20190511T144521_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T144805_20190511T145251_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T145950_20190511T152314_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T152317_20190511T152610_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T173835_20190511T180437_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T180622_20190511T181119_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T181126_20190511T181455_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T181838_20190511T182934_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T183509_20190511T185305_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T194130_20190511T194323_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T194620_20190511T195150_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T195811_20190511T203131_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T204448_20190511T204617_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T210407_20190511T212220_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T213653_20190511T221027_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T223542_20190511T225821_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T230757_20190511T230950_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T231704_20190511T232511_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T232515_20190511T233130_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T233134_20190511T233413_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T233855_20190511T234833_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190511T050146_20190511T050418_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190511T072314_20190511T072409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190511T071807_20190511T071829_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190511T095542_20190511T095549_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190511T154008_20190511T154518_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190511T231533_20190511T231703_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190511T000253_20190511T000535_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T000738_20190511T003615_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_NOPM_2_20190511T005239_20190511T005631_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T012003_20190511T013105_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_NOPM_2_20190511T014017_20190511T014443_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T014714_20190511T020130_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_NOPM_2_20190511T020310_20190511T020553_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_NOPM_2_20190511T024001_20190511T024633_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_NOPM_2_20190511T024834_20190511T031211_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_NOPM_2_20190511T031506_20190511T032356_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T032631_20190511T035010_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_NOPM_2_20190511T041710_20190511T045100_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_NOPM_2_20190511T045723_20190511T050146_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190511T050552_20190511T053057_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190511T055849_20190511T061339_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_NOPM_2_20190511T061913_20190511T063017_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_NOPM_2_20190511T063636_20190511T064225_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190511T064405_20190511T065131_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_NOPM_2_20190511T065210_20190511T070001_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_NOPM_2_20190511T070849_20190511T071024_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_NOPM_2_20190511T072136_20190511T072225_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_NOPM_2_20190511T073508_20190511T080851_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190511T081542_20190511T082056_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records.
CS_OFFL_SIR_NOPM_2_20190511T083210_20190511T083622_C001	Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T083625_20190511T084201_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_NOPM_2_20190511T085815_20190511T090130_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_NOPM_2_20190511T091505_20190511T092349_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_NOPM_2_20190511T092635_20190511T094800_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_NOPM_2_20190511T095411_20190511T095542_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T095549_20190511T095959_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T100325_20190511T101507_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_NOPM_2_20190511T101511_20190511T102413_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_NOPM_2_20190511T105522_20190511T112716_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_NOPM_2_20190511T112914_20190511T113441_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T113500_20190511T113728_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T114545_20190511T115815_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_NOPM_2_20190511T115854_20190511T121557_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR NOPM 2 20190511T121740 20190511T121820 C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190511T123737 20190511T124908 C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190511T125112_20190511T130610_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_NOPM_2_20190511T130841_20190511T131337_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190511T132240_20190511T133500_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190511T133941_20190511T135134_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 SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190511T143034_20190511T144521_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190511T144805_20190511T145251_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_NOPM_2_20190511T145950_20190511T152314_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_NOPM_2_20190511T152317_20190511T152610_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_NOPM_2_20190511T173835_20190511T180437_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190511T180622_20190511T181119_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190511T181126_20190511T181455_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T181838_20190511T182934_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_NOPM_2_20190511T183509_20190511T185305_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_NOPM_2_20190511T190607_20190511T190651_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_NOPM_2_20190511T194130_20190511T194323_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_NOPM_2_20190511T194620_20190511T195150_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T195811_20190511T203131_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_NOPM_2_20190511T204448_20190511T204617_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_NOPM_2_20190511T210407_20190511T212220_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_NOPM_2_20190511T213653_20190511T221027_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_NOPM_2_20190511T222458_20190511T222511_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_NOPM_2_20190511T223542_20190511T225821_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_NOPM_2_20190511T230757_20190511T230950_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190511T231704_20190511T232511_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_NOPM_2_20190511T232515_20190511T233130_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_NOPM_2_20190511T233134_20190511T233413_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_NOPM_2_20190511T233855_20190511T234833_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_NOPN_2_20190511T050146_20190511T050418_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_NOPN_2_20190511T072314_20190511T072409_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_NOPR_2_20190511T071807_20190511T071829_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_NOPR_2_20190511T095542_20190511T095549_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190511T154008_20190511T154518_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_NOPR_2_20190511T231533_20190511T231703_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:

58