







1. Overview

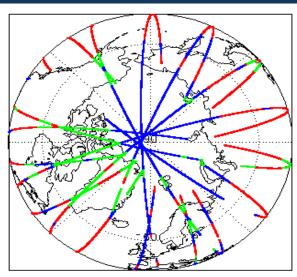
Report Production:	22-Feb-2019	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

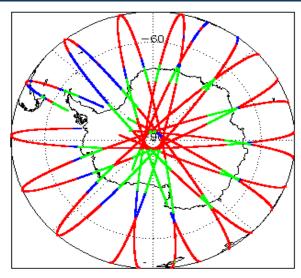
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence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

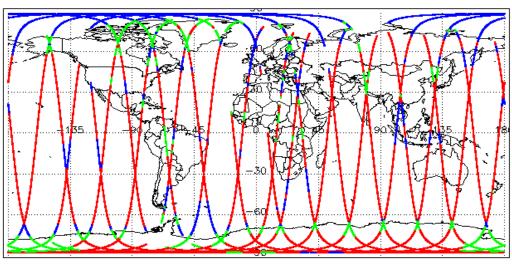
mission / mistrument news	
20-Feb-2019	None
21-Feb-2010	None

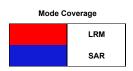
21-Feb-2019 None 22-Feb-2019 Nothing planned

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:

0

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.

lumber of products with errors:

Ω

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:

Λ

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:

15

Product	Test Failed	Description
CS_OFFL_SIR_NOPN1B_20190221T000223_20190221T000303_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T053433_20190221T053457_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T063553_20190221T063809_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T090653_20190221T090936_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T144418_20190221T144621_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T154226_20190221T154411_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T162122_20190221T162543_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T172533_20190221T172701_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190221T180219_20190221T180647_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190221T012806_20190221T012912_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190221T050421_20190221T050705_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190221T064125_20190221T064344_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190221T081111_20190221T081519_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190221T130552_20190221T130832_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190221T231234_20190221T231432_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:

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:

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:

0

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

5.6 L2 Range Measurement Check

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

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

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

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

Number of products with errors:

85

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190221T000138_20190221T000223_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T002331_20190221T004059_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

10 Conf. 18 ACC 19 Conf. 18			The les Bangs Averaging Status Flag has been set for one or more
CORP. BR. NORW 2, 201902T119103, CRIVICATIVIDAD, CORP. CO. CHILL, DR. NORW 2, 201902T119103, CRIVICATIVIDAD, CRIVICATIVIDAD	CS_OFFL_SIR_NOPM_2_20190221T004225_20190221T004738_C001	Ice Range Averaging Status	
Cores, Six John J. 2000271110103 (2000271101010 Co.) Cores, Six John J. 200027110103 (200027110010 Co.) Cores, Six John J. 200027110003 (2000) (20002710000 Co.) Cores, Six John J. 200027110003 (2000) (20002710000 Co.) Cores, Six John J. 200027110003 (20002710000 Co.) Cores, Six John J. 200027100003 (20002710000 Co.) Cores, Six John J. 2000271100003 (20002710000 Co.) Cores, Six John J. 2000271100003 (200027100000 Co.) Cores, Six John J.	CS_OFFL_SIR_NOPM_2_20190221T005300_20190221T011552_C001	Ocean Range Averaging Status	records.
Composition	CS_OFFL_SIR_NOPM_2_20190221T011836_20190221T012806_C001	Ocean Range Averaging Status	
Comm. Eng. Journal, 201802711000120, 2018027110001100011000110001100011000110	CS_OFFL_SIR_NOPM_2_20190221T014125_20190221T014210_C001	Ocean Range Averaging Status	
Confer, Bill, NOPAL, 20100021110001011000101000100010000100	CS_OFFL_SIR_NOPM_2_20190221T015833_20190221T020443_C001	Ocean Range Averaging Status	
Cort. J. St. NOM 2. 20100201100312 201002011103140 COD COD - 1. St. NOM 2. 20100201100312 201002011103140 COD COD - 1. St. NOM 2. 20100201100312 201002011103150 COD COD - 1. St. NOM 2. 20100201100312 201002011103150 COD COD - 1. St. NOM 2. 20100201103101 20100201103150 COD COD - 1. St. NOM 2. 2010020110310 20100201103150 COD COD - 1. St. NOM 2. 2010020110310 20100201103150 COD COD - 1. St. NOM 2. 2010020110310 20100201103150 COD COD - 1. St. NOM 2. 2010020110310 20100201103150 COD COD - 1. St. NOM 2. 2010020110310 COD COD - 1. St. NOM 2. 2010020110	CS_OFFL_SIR_NOPM_2_20190221T020550_20190221T022001_C001	Ocean Range Averaging Status	
Compt., gain, no. 1997, 2019 (2019) (CS_OFFL_SIR_NOPM_2_20190221T023248_20190221T030426_C001	Ocean Range Averaging Status	
GB, OFFE, SR, NOPML 2, 20100227100007 (20100271100007 CD) CG, OFFE, SR, NOPML 2, 201002271100007 (20100271100007 CD) CG, OFFE, SR, NOPML 2, 201002271100007	CS_OFFL_SIR_NOPM_2_20190221T032224_20190221T034144_C001	Ocean Range Averaging Status	
So CHILLISIR, NOPML 2, 2019022711040591, 2019022711040501, 2019027	CS_OFFL_SIR_NOPM_2_20190221T034150_20190221T035425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CB_OFF_SR_NOM_2_20180221104219_105222_20180221104052_001 CB_OFF_SR_NOM_2_20180221104219_105222_20180221105223_00180221105052_001 CB_OFF_SR_NOM_2_20180221105223_20180221105223_00180221105052_001 CB_OFF_SR_NOM_2_20180221105231_20180221105052_001 CB_OFF_SR_NOM_2_20180221105231_20180221105052_001 CB_OFF_SR_NOM_2_20180221105051_20180221105051_001 CB_OFF_SR_NOM_2_20180221105051_001 CB_OFF_SR_NOM_2_201802211105051_001 CB_OFF_SR_NOM_2_201802211105051_001 CB_OFF_SR_NOM_2_201802211105051_001 CB_OFF_SR_NOM_2_201802211105051_001 CB_OFF_SR_NOM_2_20180221110505	CS_OFFL_SIR_NOPM_2_20190221T040351_20190221T040547_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Co. Opt. Sim. NOPML_2 200002011003011_20002011003012_COINT Co. Opt. Sim. NOPML_2 201002211003012_COINT Co. Opt. Sim. NOPML2 2010022111003012_COINT Co. Opt.	CS_OFFL_SIR_NOPM_2_20190221T040740_20190221T041051_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Care Set NOPM 2 20109221TEROS 2 10109221TEROS 2 0010921TEROS 2 0010922TEROS 2 001092TEROS 2 0010922TEROS 2 001092ZTEROS 2 00109ZTEROS 2 00109ZTEROS 2 00109ZTEROS 2 00109ZTEROS 2 00	CS_OFFL_SIR_NOPM_2_20190221T041217_20190221T042813_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NON4_2_20180221103623_20180221103630_2018021802180218021802180218021802180218	CS OFFL SIR NOPM 2 20190221T043016 20190221T044032 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co., OFFL, SIR, NORM 2, 201002217005212, 201002217050152, COID Coern Range Averaging Status. Filing has been set for one or more records. Co., OFFL, SIR, NORM 2, 20100221705622, 20100221705622, COID Coern Range Averaging Status. Filing has been set for one or more records. Co., OFFL, SIR, NORM 2, 20100221705622, 20100221705612, COID Coern Range Averaging Status. Filing has been set for one or more records. Co., OFFL, SIR, NORM 2, 20100221705622, 20100221705619, COID Coern Range Averaging Status. Coern Range Averag			The Ocean Range Averaging Status Flag has been set for one or more
Code (PAFE), SIR, NORM 2, 201802217006212, 20180221700632, 20180221700632, 20180221706332, 2018023706332, 2018023706332, 20180			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIS_NORM_2_201902211004592_201900301004592_0010 CS_OFFL_SIS_NORM_2_201902211006192_001000301_0001 CS_OFFL_SIS_NORM_2_201902211006192_001000301_0001 CS_OFFL_SIS_NORM_2_201902211006192_001000301_0001 CS_OFFL_SIS_NORM_2_201902211006192_001000301_0001 CS_OFFL_SIS_NORM_2_201902211006192_001000301_0001 CS_OFFL_SIS_NORM_2_201902211006192_0010003100301_0001 CS_OFFL_SIS_NORM_2_201902211006192_001002011006192_0001 CS_OFFL_SIS_NORM_2_201902211006192_001000301_0001 CS_OFFL_SIS_NORM_2_201902211006192_001002211006192_001000301_0001 CS_OFFL_SIS_NORM_2_2019022111006192_0010022111006192_0010 CS_OFFL_SIS_NORM_2_2019022111006192_0010022111006192_0010 CS_OFFL_SIS_NORM_2_2019022111006192_001002111006192_0010 CS_OFFL_SIS_NORM_2_2019022111006192_001002111006192_0010 CS_OFFL_SIS_NORM_2_2019022111006192_001002111006192_0010 CS_OFFL_SIS_NORM_2_2019022111006192_00100001 CS_OFFL_SIS_NORM_2_2019022111006192_00100001 CS_OFFL_SIS_NORM_2_2019022111006192_00100001 CS_OFFL_SIS_NORM_2_2019022111006192_00100001 CS_OFFL_SIS_NORM_2_2019022111006192_00100001 CS_OFFL_SIS_NORM_2_2019022111006192_0010001 CS_OFFL_SIS_NORM_2_2019022111006192_00100001 CS_OFFL_SIS_NORM_2_2019022111006192_00100001 CS_OFFL_SIS_NORM_2_2019022111006192_001001 CS_OFFL_SIS_NORM_2_2019022111006192_			The Ocean Range Averaging Status Flag has been set for one or more
Co. CPFL_SIR_NOPM2.01902211064102_00104105100.001 Co. CPFL_SIR_NOPM2.0190221106540_20190106050_001 Co. CPFL_SIR_NOPM2.0190221106540_20190106050_001 Co. CPFL_SIR_NOPM2.0190221106540_20190106050_001 Co. CPFL_SIR_NOPM2.0190221106540_20190211061102_001 Co. CPFL_SIR_NOPM2.0190221106540_201902211061102_001 Co. CPFL_SIR_NOPM2.0190221106540_2019022110710510_001 Co. CPFL_SIR_NOPM_2.01902211070510_2019022110710500_001 Co. CPFL_SIR_NOPM_2.01902211070510_2019022110710500_001 Co. CPFL_SIR_NOPM_2.01902211005106050_001 Co. CPFL_SIR_NOPM_2.01902211005106050_001 Co. CPFL_SIR_NOPM_2.01902211005106050_001 Co. CPFL_SIR_NOPM_2.01902211005050_001 Co. CPFL_SIR_NOPM_2.019022111005050_001 Co. CPFL_SIR_NOPM_2.019022111005050_001 Co. CPFL_SIR_NOPM_2.01902211100505_001 Co. CPFL_SIR_NOPM_2.0190			
So, CFFL_SIR_NOPM_2_controlled_color			
Cooper Spr. North 2_2019022110699 201902210105910 2010 Cooper Spr. North 2_2019022110699 201902210105910 2010 Cooper Spr. North 2_2019022110699 20190221079759 2010 Cooper Spr. North 2_2019022110699 20190221079759 2010 Cooper Spr. North 2_2019022107979 2019022107989 2010 Cooper Spr. North 2_2019022107979 201902210798 2010 Cooper Spr. North 2_2019022107979 201902210798 201902210798 2010 Cooper Spr. North 2_201902210798 2019022			records.
SO CPFL_SR_NOPM_2_20190221107255_0100221107255_001 CS OFFL_SR_NOPM_2_20190221107255_0100221107255_001 CS OFFL_SR_NOPM_2_2019022110725_010022110725_001 CS OFFL_SR_NOPM_2_2019022110725_010022110725_001 CS OFFL_SR_NOPM_2_2019022110725_010022110055_001 CS OFFL_SR_NOPM_2_2019022110725_010022110055_001 CS OFFL_SR_NOPM_2_20190221110055_001 CS OFFL_SR_NOPM_2_20190221110055_0			records.
SO, OFFL_SIR_NOPM_2 20190221170305_20190221170305_C001 SO, OFFL_SIR_NOPM_2 20190221170305_20190221170305_C001 SO, OFFL_SIR_NOPM_2 20190221170305_20190221170305_C001 Osan Range Averaging Status The Osan Range Averaging Status Flag has been set for one or more records. The Osan Range Averaging Status Flag has been set for one or more records. The Osan Range Averaging Status Flag has been set for one or more records. The Osan Range Averaging Status Flag has been set for one or more records. The Osan Range Averaging Status Flag has been set for one or more records. The Osan Range Averaging Status Flag has been set for one or more records. SO OFFL_SIR_NOPM_2 201902211703035_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703035_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703035_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703035_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703016_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703016_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703016_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703016_201902211703016_C001 SO OFFL_SIR_NOPM_2 201902211703016_20190221170305_C001 SO OFFL_SIR_NOPM_2 201902211103016_20190221110305_C001 SO OFFL_SIR_NOPM_2 201902211110302_201902211120305_C001 SO OFFL_SIR_NOPM_2 201902211110306_201902211120305_C001 SO OFFL_SIR_NOPM_2 20190221113006_201902211120305_C001 SO OFFL_SIR_NOPM_2 20190221113006_201902211120305_C001 SO OFFL_SIR_NOPM_2 20190221113006_20190221113006_C001 SO OFFL_SIR_NOPM_2 20190221113006_20190221113006_		Ocean Range Averaging Status	records.
Coen Range Averaging Status Fine Coen Range Averaging Status Fine Coen Range Averaging Status Fi	CS_OFFL_SIR_NOPM_2_20190221T065340_20190221T065616_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190221T03942_000021T03952_0001 Ocean Rampe Averaging Status The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag has been set for one or more records. The Ocean Rampe Averaging Status Flag	CS_OFFL_SIR_NOPM_2_20190221T065618_20190221T071755_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190221T00023 20190221T000053 C001 CS_OFFL_SIR_NOPM_2_20190221T000023 20190221T000053 C001 CS_OFFL_SIR_NOPM_2_20190221T000023 20190221T000053 C001 CS_OFFL_SIR_NOPM_2_20190221T000023 20190221T000053 C001 CS_OFFL_SIR_NOPM_2_20190221T000045 20190221T000053 C001 CS_OFFL_SIR_NOPM_2_20190221T000045 20190221T000053 C001 CS_OFFL_SIR_NOPM_2_20190221T100040 20190221T10004014 C001 CS_OFFL_SIR_NOPM_2_20190221T100040 20190221T1004014 C001 CS_OFFL_SIR_NOPM_2_20190221T100040 20190221T1004014 C001 CS_OFFL_SIR_NOPM_2_20190221T100418 20190221T100557 C001 CS_OFFL_SIR_NOPM_2_20190221T100418 20190221T100557 C001 CS_OFFL_SIR_NOPM_2_20190221T100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T11100551 C001 CS_OFFL_SIR_NOPM_2_2019022T110056 C019022T11100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1110056 C019022T11100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1110056 C019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1110056 C019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T1110056 C019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T110056 C019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T110056 C019022T1100551 C001 CS_OFFL_SIR_NOPM_2_2019022T110056 C019022T110056 C019022T110056 C019022T110056 C019022T110056 C019022T110056 C019022T110056 C019022T110056 C019	CS_OFFL_SIR_NOPM_2_20190221T072019_20190221T072857_C001	Ice Range Averaging Status	records.
CS_OFF_SIR_NOPM_2_20190221T108263_0_20190221T108656_0_0010 CS_OFF_SIR_NOPM_2_20190221T108263_0_20190221T108656_0001 CS_OFF_SIR_NOPM_2_20190221T10923_20190221T109401_C001 CS_OFF_SIR_NOPM_2_20190221T10923_00190221T109401_C001 CS_OFF_SIR_NOPM_2_20190221T102418_20190221T10456_001 CS_OFF_SIR_NOPM_2_20190221T104142_20190221T10455_0010 CS_OFF_SIR_NOPM_2_20190221T104614_20190221T10455_0010 CS_OFF_SIR_NOPM_2_20190221T104614_20190221T105515_0001 CS_OFF_SIR_NOPM_2_20190221T104614_20190221T105515_0001 CS_OFF_SIR_NOPM_2_20190221T109022T1105516_0001 CS_OFF_SIR_NOPM_2_2019022T1109022T1105516_0001 CS_OFF_SIR_NOPM_2_2019022T1109022T1105516_0001 CS_OFF_SIR_NOPM_2_2019022T1109022T1105516_0001 CS_OFF_SIR_NOPM_2_2019022T1109022T1105516_0001 CS_OFF_SIR_NOPM_2_2019022T1109022T1105516_0001 CS_OFF_SIR_NOPM_2_2019022T1109022T1105516_0001 CS_OFF_SIR_NOPM_2_2019022T1109022T1105002C001 CS_OFF_SIR_NOPM_2_2019022T1109022T110500_0001 CS_OFF_SIR_NOPM_2_2019022T1109021T1200200_0001 CS_OFF_SIR_NOPM_2_2019022T1109021T12000_0001 CS_OFF_SIR_NOPM_2_2019022T1109020_0001 CS_OFF_SIR_NOPM_2_2019022T1109020_0001 CS_OFF_SIR_NOPM_2_2019022T1109020_0001 CS_OFF_SIR_NOPM_2_2019022T1109020_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_000002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_000002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_00001 CS_OFF_SIR_NOPM_2_2019022T110050_000002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00002T110050_0001 CS_OFF_SIR_NOPM_2_2019022T110050_00002T	CS_OFFL_SIR_NOPM_2_20190221T073104_20190221T075628_C001	Ocean Range Averaging Status	records.
CS_OFF_SIR_NOPM_2_20190221109045_20190221108406_001001000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190221T082815_20190221T084426_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T103223_09190221T034014_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190221T10348_20190221T103557_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190221T10415_20190221T103557_C001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190221T10415_20190221T10515_C001 Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190221T104551_20190221T10500_C001 Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190221T104551_20190221T10500_C001 Ocean Range Averaging Status Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190221T10404_20190221T12503_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190221T12203_20190221T12203_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190221T12206_20190221T12203_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190221T13206_20190221T13206_2010010021T13206_2010010021T13206_201001002T	CS_OFFL_SIR_NOPM_2_20190221T084500_20190221T085652_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T100329_2019022T1103557_C001 CS_OFFL_SIR_NOPM_2_2019022T1100459_2019022T1103557_C001 CS_OFFL_SIR_NOPM_2_2019022T110445_2019022T1104732_C001 CS_OFFL_SIR_NOPM_2_2019022T1104551_2019022T1104732_C001 CS_OFFL_SIR_NOPM_2_2019022T1104594_2019022T1104732_C001 CS_OFFL_SIR_NOPM_2_2019022T1104594_2019022T1106515_C001 CS_OFFL_SIR_NOPM_2_2019022T1104594_2019022T11106501_C001 CS_OFFL_SIR_NOPM_2_2019022T1104594_2019022T11106501_C001 CS_OFFL_SIR_NOPM_2_2019022T1104594_2019022T1112533_C001 CS_OFFL_SIR_NOPM_2_2019022T111253_C001 CS_OFFL_SIR_NOPM_2_2019022T113053_C019022T112651_C001 CS_OFFL_SIR_NOPM_2_2019022T113053_C019022T1130552_C001 CS_OFFL_SIR_NOPM_2_2019022T115003_C019022T115003_C01902T115003_C01902	CS_OFFL_SIR_NOPM_2_20190221T090233_20190221T090653_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T104581_20190221T10575_C001 CS_OFFL_SIR_NOPM_2_20190221T104185_20190221T10575_C001 CS_OFFL_SIR_NOPM_2_20190221T104185_20190221T10575_C001 CS_OFFL_SIR_NOPM_2_20190221T105945_20190221T10500_C001 CS_OFFL_SIR_NOPM_2_20190221T105945_20190221T10500_C001 CS_OFFL_SIR_NOPM_2_20190221T105945_20190221T10500_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T102050_C001 CS_OFFL_SIR_NOPM_2_20190221T10050_C001 CS_OFFL_SIR_NOPM_2_20190221T10050_C0010021T10050000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190221T090945_20190221T094014_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T10435_20190221T10435_C0011 CS_OFFL_SIR_NOPM_2_20190221T10435_20190221T106945_20190221T106945_C0011 CS_OFFL_SIR_NOPM_2_20190221T106945_20190221T1106945_20190221T1106945_C0011 CS_OFFL_SIR_NOPM_2_20190221T114024_20190221T11223_C0011 CS_OFFL_SIR_NOPM_2_20190221T112205_C0190221T112260_C0011 CS_OFFL_SIR_NOPM_2_20190221T12205_C0190221T12260_C0011 CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T12260_C0011 CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T12260_C0011 CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T12260_C0011 CS_OFFL_SIR_NOPM_2_20190221T123058_20190221T124616_C0011 CS_OFFL_SIR_NOPM_2_20190221T130556_20190221T130555_C0011 CS_OFFL_SIR_NOPM_2_20190221T130556_20190221T130555_C0011 CS_OFFL_SIR_NOPM_2_20190221T130556_20190221T130556_C0011 CS_OFFL_SIR_NOPM_2_20190221T130556_20190221T130556_C0011 CS_OFFL_SIR_NOPM_2_20190221T130556_20190221T130556_C0011 CS_OFFL_SIR_NOPM_2_20190221T130556_20190221T130556_C0011 CS_OFFL_SIR_NOPM_2_20190221T13056_00190221T130556_C0011 CS_OFFL_SIR_NOPM_2_20190221T13056_00190221T130560_C0011 CS_OFFL_SIR_NOPM_2_20190221T130560_C0190221T130560_C0011 CS_OFFL_SIR_NOPM_2_20190221T130560_C0190221T130560_C0011 CS_OFFL_SIR_NOPM_2_20190221T130560_C0190221T130560_C0011 CS_OFFL_SIR_NOPM_2_20190221T130560_C0190221T130560_C0011 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T130500_C0011 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T130500_C0011 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T130500_C0011 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T130500_C0011 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T130526_C0011 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T150126_C0011 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T150126_C0011 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T150126_C0011 CS_OFFL_SIR_NOPM_2_20190221T150026_C0011 CS_OFFL_SIR_NOPM_2_20190221T150026_C0011 CS_OFFL_SIR_NOPM_2_20190221T150026_C0011 CS_OFFL_SIR_NOPM_2_20190221T150026_C0011 CS_OFFL_SIR_NOPM_2_20190221T150026_C0011 CS_OFFL_SIR_NOPM_2_20190221T150026_C0011 CS_OFFL_SIR_NOPM_2_20190221T150	CS_OFFL_SIR_NOPM_2_20190221T100329_20190221T101845_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T104851_20190221T10600_C001 CS_OFFL_SIR_NOPM_2_20190221T105945_20190221T10600_C001 CS_OFFL_SIR_NOPM_2_20190221T1105945_20190221T110600_C001 CS_OFFL_SIR_NOPM_2_20190221T1105945_20190221T110500_C001 CS_OFFL_SIR_NOPM_2_20190221T112050_C001 CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130536_C001 CS_OFFL_SIR_NOPM_2_20190221T13056_20190221T130560_C001 CS_OFFL_SIR_NOPM_2_20190221T13056_20190221T130560_C001 CS_OFFL_SIR_NOPM_2_20190221T13056_20190221T130560_C001 CS_OFFL_SIR_NOPM_2_20190221T130560_C001 CS_OFFL_SIR_NOPM_2_20190221T14075_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T14075_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T15026_20190221T130490_C001 CS_OFFL_SIR_NOPM_2_20190221T15026_20190221T130490_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T150406_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T150406_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T150406_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T100030_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T100030_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T100030_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T100030_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T100030_C001 CS_OFFL_SIR_NOPM_2_20190221T150406_20190221T100030_C001 CS_OFFL_SIR_NOPM_2_20190221T15040	CS_OFFL_SIR_NOPM_2_20190221T102418_20190221T103557_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T110505_C001 CS_OFFL_SIR_NOPM_2_20190221T110505_2010 CS_OFFL_SIR_NOPM_2_20190221T110505_C001 CS_OFFL_SIR_NOPM_2_20190221T12052_00190221T12052_C001 CS_OFFL_SIR_NOPM_2_20190221T1205_00190221T12052_C001 CS_OFFL_SIR_NOPM_2_20190221T1208_20190221T12052_C001 CS_OFFL_SIR_NOPM_2_20190221T1208_20190221T12052_C001 CS_OFFL_SIR_NOPM_2_20190221T1308_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T1308_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T1308_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T1305_00190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T1305_00190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T1305_00190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T1305_00190221T1505_00190221T1505	CS_OFFL_SIR_NOPM_2_20190221T104145_20190221T104732_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T114024_20190221T1253_C001 CS_OFFL_SIR_NOPM_2_20190221T122603_C0190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T122603_C0190221T122603_C001 CS_OFFL_SIR_NOPM_2_20190221T122603_C0190221T123052_C001 CS_OFFL_SIR_NOPM_2_20190221T12308_20190221T124619_C001 CS_OFFL_SIR_NOPM_2_20190221T12308_20190221T124619_C001 CS_OFFL_SIR_NOPM_2_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T13056_20190221T132857_C001 CS_OFFL_SIR_NOPM_2_20190221T13010_20190221T132857_C001 CS_OFFL_SIR_NOPM_2_20190221T13010_C001 CS_OFFL_SIR_NOPM_2_20190221T13010_C001 CS_OFFL_SIR_NOPM_2_20190221T13010_C001 CS_OFFL_SIR_NOPM_2_20190221T13010_C001 CS_OFFL_SIR_NOPM_2_20190221T13006_20190221T130500_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140507_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T140505_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T140505_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T140505_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T140505_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T140505_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T140506_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T140506_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T15016_20190221T140500_C001 CS_OFFL_SIR_NOPM_2_20190221T15008_20190221T15026_C001 CS_OFFL_SIR_NOPM_2_20190221T15008_20190221T15008_2010021T16032_C001 CCS_OFFL_SIR_NOPM_2_20190221T15008_20190221T15008_20001 CCS_OFFL_SIR_NOPM_2_20190221T15008_20190221T16032_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_NOPM_2_20190221T104851_20190221T105515_C001	Ocean Range Averaging Status	
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CS_OFFL_SIR_NOPM_2_20190221T13018_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001 CS_OFFL_SIR_NOPM_2_20190221T131950_20190221T132867_C001 CS_OFFL_SIR_NOPM_2_20190221T1313016_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T134747_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T134747_20190221T135400_C001 CS_OFFL_SIR_NOPM_2_20190221T135906_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140715_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140715_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153250_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153250_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T150126_C001 CS_OFFL_SIR_NOPM_2_20190221T15008_20190221T15008_20000 CS_OFFL_SIR_NOPM_2_20190221T15008_20190221T15008_20000 CS_OFFL_SIR_NOPM_2_20190221T15008_20190221T15008_20000 CS_OFFL_SIR_NOPM_2_20190221T15008_20190221T150000 CCC_OCAR_NOPM_2_20190221T15008_20190221T150000 CCC_OCAR_NOPM_2_201900221T15008_20190221T150000 CCC_OCAR_NOPM_2_20190221T15008_201900221T150000 CCC_OCAR_NOPM_2_201900221T15008_201900221T150000 CCC_OCAR_NOPM_2_201900221T15008_201900221T150000 CCC_OCAR_NOPM_2_201900221T15008_201900221T150000 CCC_OCAR_NOPM_2_201900221T15008_201900221T150000 CCC_OCAR_NOPM_2_201900221T15008_201900221T150000 CCC_OCAR_NOPM_2_201900221T15008_201900221T150000 CCC_OCAR_NOPM_2_201900221T1500000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T123052_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T132857_C001 CS_OFFL_SIR_NOPM_2_20190221T131950_20190221T132857_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T132857_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T135400_C001 CS_OFFL_SIR_NOPM_2_20190221T135906_20190221T135400_C001 CS_OFFL_SIR_NOPM_2_20190221T135906_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T142921_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153949_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T154226_C001 CS_OFFL_SIR_NOPM_2_20190221T155056_20190221T154226_C001 CS_OFFL_SIR_NOPM_2_20190221T155056_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T150032_1C01 CS_OFFL_SIR_NOPM_2_20190221T150056_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T150056_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T160334_C010 CCS_OFFL_SIR_NOPM_2_20190221T160334_C010 CCCCC_CCCC_CCCC_CCCC_CCCC_CCCC_CC	CS_OFFL_SIR_NOPM_2_20190221T123108_20190221T124619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190221T131950_20190221T132857_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T133016_20190221T135400_C001 CS_OFFL_SIR_NOPM_2_20190221T135906_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T142921_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T153425_20190221T153949_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T153949_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T153025_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T153025_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T153025_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T1500323_C001 CS_OFFL_SIR_NOPM_2_20190221T155056_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T155056_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T160334_20190221T160323_C001 CO_COUNT And 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 Fla	CS_OFFL_SIR_NOPM_2_20190221T130536_20190221T130552_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190221T134737_C001 CS_OFFL_SIR_NOPM_2_20190221T134747_20190221T135400_C001 CS_OFFL_SIR_NOPM_2_20190221T134747_20190221T135400_C001 CS_OFFL_SIR_NOPM_2_20190221T135906_20190221T140050_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140057_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140715_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T140715_20190221T140509_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_C001 CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153949_C001 CS_OFFL_SIR_NOPM_2_20190221T153425_20190221T153949_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T153949_C001 CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T154226_C001 CS_OFFL_SIR_NOPM_2_20190221T155056_20190221T150323_C001 CS_OFFL_SIR_NOPM_2_20190221T15008_20190221T150323_C001 CS_OFFL_SIR_NOPM_2_20190221T1500434_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T1500434_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T1500434_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T160434_20190221T160323_C001 CS_OFFL_SIR_NOPM_2_20190221T160434_20190221T160323_C001 COean 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 loe Range Averaging Status Flag has been set for one or more records. The loe Range Averaging Status Flag has been set for one or more records. The loe Range Averaging Status Flag has been set for one or more records. The loe Range Averaging Status Flag has been set for one or more records. The loe Range Averaging Status Flag has been set for one or more records. The loe Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for	CS_OFFL_SIR_NOPM_2_20190221T131950_20190221T132857_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
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CS_OFFL_SR_NOPM_2_201902211718341_20190221118500_C001 Ocean Range Averaging Status Fine Ocean Range Averaging Status F	CS_OFFL_SIR_NOPM_2_20190221T171924_20190221T172043_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T18533_20190221T185950_C001 CS_OFFL_SIR_NOPM_2_20190221T18533_20190221T185950_C001 CS_OFFL_SIR_NOPM_2_20190221T190400_20190221T19257_C001 CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T19257_C001 CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T19257_C001 CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T19257_C001 CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T19257_C001 CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T19257_C001 CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T20551_C001 CS_OFFL_SIR_NOPM_2_20190221T204525_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T204525_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20552_C001 CS_OFFL_SIR_NOPM_2_20190221T20552_C001 CS_OFFL_SIR_NOPM_2_20190221T20552_C001 CS_OFFL_SIR_NOPM_2_20190221T20552_C001 CS_OFFL_SIR_NOPM_2_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20553_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20501_C001 CS_OFFL_SIR_NOPM_2_20190221T20502_C001 CS_OFFL_SIR_NOPM_2_20190221T20503_C001 CS_OFFL_SIR_NOPM_2_20190221T20503_C001 CS_OFFL_SIR_NOPM_2_20190221T100503_C001 CS_OFFL_SIR_NOPM_	CS_OFFL_SIR_NOPM_2_20190221T172735_20190221T173250_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T195303_20190221T195305_CO01 CS_OFFL_SIR_NOPM_2_20190221T195303_20190221T195305_CO01 CS_OFFL_SIR_NOPM_2_20190221T195303_20190221T190305_CO01 CS_OFFL_SIR_NOPM_2_20190221T192004_C0190221T192305_CO01 CS_OFFL_SIR_NOPM_2_20190221T200449_Z0190221T1923051_CO01 CS_OFFL_SIR_NOPM_2_20190221T200449_Z0190221T203051_CO01 CS_OFFL_SIR_NOPM_2_20190221T200449_Z0190221T203051_CO01 CS_OFFL_SIR_NOPM_2_20190221T200449_Z0190221T203051_CO01 CS_OFFL_SIR_NOPM_2_20190221T200439_Z0190221T203051_CO01 CS_OFFL_SIR_NOPM_2_20190221T2030322_CO0190221T200503_CO01 CS_OFFL_SIR_NOPM_2_20190221T204352_20190221T205053_CO01 CS_OFFL_SIR_NOPM_2_20190221T204352_20190221T205053_CO01 CS_OFFL_SIR_NOPM_2_20190221T204352_20190221T205053_CO01 CS_OFFL_SIR_NOPM_2_20190221T204352_20190221T205053_CO01 CS_OFFL_SIR_NOPM_2_20190221T204352_20190221T205053_CO01 CS_OFFL_SIR_NOPM_2_20190221T204352_20190221T205053_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T20101_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T20101_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T20101_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T203050_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T205050_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T205050_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T205050_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T205050_CO01 CS_OFFL_SIR_NOPM_2_20190221T20304_Z0190221T205050_CO01 CS_OFFL_SIR_NOPM_2_20190221T203040_Z0190221T205050_CO01 CS_OFFL_SIR_NOPM_2_20190221T203041_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T00051_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T00051_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T00051_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T100551_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T100551_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T100551_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T100551_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T100551_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM_2_20190221T100551_Z0190221T00051_CO01 CS_OFFL_SIR_NOPM	CS_OFFL_SIR_NOPM_2_20190221T174510_20190221T175636_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T193303_20190221T193010 CS_OFFL_SIR_NOPM_2_20190221T190200_20190221T190221T190221T190200_20190021T190221T19000_20190021T19000_20190021T190000_20190021T190000_201900221T190000_201900221T190000_20190021T190000_20190021T190000_20190021T190000_20190021T1900000_20190021T1900000_20190021T1900000_20190021T1900000_20190021T1900000_20190021T1900000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190221T183541_20190221T185100_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_0190221T190400_20190221T190351_C001 CS_OFFL_SIR_NOPM_2_0190221T19020021T190225T_C001 CS_OFFL_SIR_NOPM_2_0190221T203012_0190221T190351_C001 CS_OFFL_SIR_NOPM_2_0190221T20302_0190221T20351_C001 CS_OFFL_SIR_NOPM_2_0190221T203328_0190221T20351_C001 CS_OFFL_SIR_NOPM_2_0190221T203328_0190221T203714_C001 CS_OFFL_SIR_NOPM_2_0190221T203328_0190221T203714_C001 CS_OFFL_SIR_NOPM_2_0190221T203352_0190221T20353_C001 CS_OFFL_SIR_NOPM_2_0190221T203352_0190221T2011C001 CS_OFFL_SIR_NOPM_2_0190221T20334_0190221T221286_C001 CS_OFFL_SIR_NOPM_2_0190221T22334_0190221T22380_C001 CS_OFFL_SIR_NOPM_2_0190221T22334_0190221T22380_001 CS_OFFL_SIR_NOPM_2_0190221T22334_0190221T22380_001 CS_OFFL_SIR_NOPM_2_0190221T22334_0190221T22380_001 CS_OFFL_SIR_NOPM_2_0190221T23340_0010221T23580_001 CS_OFFL_SIR_NOPM_2_0190221T23340_0021723486_C001 CS_OFFL_SIR_NOPM_2_0190221T23340_00221T030357_C001 CS_OFFL_SIR_NOPM_2_0190221T23340_00221T030351_C001 CS_OFFL_SIR_NOPM_2_0190221T030221T030221T030221T030351_C001 CS_OFFL_SIR_NOPM_2_0190221T23340_00221T030221T030351_C001 CS_OFFL_SIR_NOPM_2_0190221T23340_00221T030221T030351_C001 CS_OFFL_SIR_NOPM_2_0190221T030221T030221T030221T030221T030351_C001 CS_OFFL_SIR_NOPM_2_0190221T030221T030221T030221T030221T030351_C001 CS_OFFL_SIR_NOPM_2_0190221T030221T030221T030221T030221T030221T03038_C001 CS_OFFL_SIR_NOPM_2_0190221T030221T030221T030221T030221T03038_C001 CS_OFFL_SIR_NOPM_2_0190221T030221T0	CS_OFFL_SIR_NOPM_2_20190221T185323_20190221T185800_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T203051_C001 CS_OFFL_SIR_NOPM_2_20190221T203052_C001 CS_OFFL_SIR_NOPM_2_20190221T20305_C001 CS_OFFL_SIR_NOPM_2_20190221T205_C001 CS_OFFL_SIR_NOPM_2_20190221T005_C001 CS_OFFL_SIR_NOPM	CS_OFFL_SIR_NOPM_2_20190221T185838_20190221T185953_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T20349_20190221T203514_C001 CS_OFFL_SIR_NOPM_2_20190221T203522_20190221T205533_C001 CS_OFFL_SIR_NOPM_2_20190221T2035214_C001 CS_OFFL_SIR_NOPM_2_20190221T2035232_20190221T205533_C001 CS_OFFL_SIR_NOPM_2_20190221T2035214_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T2010573_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20101_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20101_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T201021000 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T220102_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T220102_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T205030_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20503_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20503_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20503_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20503_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20503_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T20304_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T205057_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T2005026_C001 CS_OFFL_SIR_NOPM_2_20190221T20304_20190221T005026_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005026_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005026_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005026_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_20190221T005035_C0190221T005035_C001 CS_OFFL_SIR_NOPM_2_2019022TT00505_C019022T005035_C001 CS_OFFL_SIR_NOPM_2_2019022TT00505_C019022TT00505_C01902TT00505_C01902TT00505_C01902TT00505_C01902TT00505_C01902TT00505_C01902TT00505_C01902TT00505_C01902TT00505_C01	CS_OFFL_SIR_NOPM_2_20190221T190400_20190221T192257_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T203328_20190221T205333_C001 CS_OFFL_SIR_NOPM_2_20190221T204325_20190221T205333_C001 CS_OFFL_SIR_NOPM_2_20190221T210104_20190221T21057_C001 CS_OFFL_SIR_NOPM_2_20190221T213534_20190221T210507_C001 CS_OFFL_SIR_NOPM_2_20190221T213534_20190221T221011_C001 CS_OFFL_SIR_NOPM_2_20190221T213534_20190221T221016_C001 CS_OFFL_SIR_NOPM_2_20190221T223136_20190221T223166_C001 CS_OFFL_SIR_NOPM_2_20190221T223346_C001 CS_OFFL_SIR_NOPM_2_20190221T223346_C001 CS_OFFL_SIR_NOPM_2_20190221T233464_C001 CS_OFFL_SIR_NOPM_2_20190221T233613_20190221T235857_C001 CS_OFFL_SIR_NOPM_2_20190221T233613_20190221T235615_C001 CS_OFFL_SIR_NOPM_2_20190221T235613_C0190221T235615_C001 CS_OFFL_SIR_NOPM_2_20190221T236602_C010 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T040051_C001 CS_OFFL_SIR_NOPM_2_20190221T040017_20190221T120010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T120010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T120010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T120010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T120010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T120010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T140010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T140010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T140010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T040010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T040010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T040010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T040010 CC_OFFL_SIR_NOPM_2_20190221T040017_20190221T040010 CC_OFFL_SIR_NOPM_2_20190221T040010 CC_OFFL_SIR_NOPM_2_20190221T040010	CS_OFFL_SIR_NOPM_2_20190221T192300_20190221T193119_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190221T204325_20190221T20533_C010 Coan Range Averaging Status CS_OFFL_SIR_NOPM_2_20190221T210104_20190221T210115_C001 CS_OFFL_SIR_NOPM_2_20190221T213634_20190221T210101_C001 CS_OFFL_SIR_NOPM_2_20190221T213634_20190221T2213168_C0101 CS_OFFL_SIR_NOPM_2_20190221T221368_C0190221T223346_C001 CS_OFFL_SIR_NOPM_2_20190221T223346_C001 CS_OFFL_SIR_NOPM_2_20190221T2233922_20190221T223346_C001 CS_OFFL_SIR_NOPM_2_20190221T2233922_0190221T223346_C001 CS_OFFL_SIR_NOPM_2_20190221T233922_0190221T223346_C001 CS_OFFL_SIR_NOPM_2_20190221T233922_0190221T23533_C001 CS_OFFL_SIR_NOPM_2_20190221T233922_0190221T23593_C001 CS_OFFL_SIR_NOPM_2_20190221T235131_20190221T23557_C001 CS_OFFL_SIR_NOPM_2_20190221T235131_20190221T040351_C001 CS_OFFL_SIR_NOPM_2_20190221T040345_0190221T040351_C001 CS_OFFL_SIR_NOPM_2_20190221T045945_0190221T050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T0503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T10503615_0190221T1050226_C001 CS_OFFL_SIR_NOPM_2_20190221T030611_00190221T203076_C001 CS_OFFL_SIR_NOPM_2_20190221T03074_0190221T105026_C001 CS_OFFL_SIR_NOPM_2_20190221T03074_0190221T105026_C001 CS_OFFL_SIR_NOPM_2_20190221T10503615_0190221T105026_C001 CS_OFFL_SIR_NOPM_2_20190221T10503615_0190221T105026_C001 CS_OFFL_SIR_NOPM_2_20190221T10503615_0190221T105026_C001 CS_OFFL_SIR_NOPM_2_20190221T10503615_0190221T105026_C001 CS_OFFL_SIR_NOPM_2_20190221T10503615_0190221T105026_C001 CS_OFFL_SIR_NOPM_2_20190221T10503616_0106021T205036_C001 CS_OFFL_SIR_NOPM_2_20190221T105	CS_OFFL_SIR_NOPM_2_20190221T200449_20190221T203051_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190221T213014_20190221T210107_C001 CS_OFFL_SIR_NOPM_2_20190221T21316_20190221T221011_C001 CS_OFFL_SIR_NOPM_2_20190221T2213534_20190221T221682_C001 CS_OFFL_SIR_NOPM_2_20190221T221316_20190221T2221682_C001 CS_OFFL_SIR_NOPM_2_20190221T223342_20190221T223446_C001 CS_OFFL_SIR_NOPM_2_20190221T223424_20190221T223446_C001 CS_OFFL_SIR_NOPM_2_20190221T223922_20190221T225803_C001 CS_OFFL_SIR_NOPM_2_20190221T223922_20190221T225803_C001 CS_OFFL_SIR_NOPM_2_20190221T234640_20190221T234948_C001 CS_OFFL_SIR_NOPM_2_20190221T234640_20190221T234948_C001 CS_OFFL_SIR_NOPM_2_20190221T235131_20190221T235657_C001 CS_OFFL_SIR_NOPM_2_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T040117_20190221T045945_20190221T050226_C001 CS_OFFL_SIR_NOPM_2_20190221T1235657_C001 CS_OFFL_SIR_NOPM_2_20190221T1235657_C001 CS_OFFL_SIR_NOPM_2_20190221T050815_20190221T050226_C001 CS_OFFL_SIR_NOPM_2_20190221T1050815_20190221T050226_C001 CS_OFFL_SIR_NOPM_2_20190221T1050815_20190221T050226_C001 CS_OFFL_SIR_NOPM_2_20190221T1128538_C001 CS_OFFL_SIR_NOPM_2_20190221T1128531_20190221T1128110_C001 CS_OFFL_SIR_NOPM_2_20190221T1128531_20190221T1128110_C001 CS_OFFL_SIR_NOPM_2_20190221T1128531_20190221T11308_C001 CS_OFFL_SIR_NOPM_2_20190221T1128531_20190221T13108_C001 CS_OFFL_SIR_NOPM_2_20190221T213047_20190221T213042_C0001 CS_OFFL_SIR_NOPM_2_20190221T213047_20190221T213042_C0001 CS_OFFL_SIR_NOPM_2_20190221T213047_20190221T213042_C0001 CS_OFFL_SIR_NOPM_2_20190221T21308_201001 CS_OFFL_SIR_NOPM_2_20190221T21308_201001 CS_OFFL_SIR_NOPM_2_20190221T154472_20190221T21634_C001 CS_OFFL_SIR_NOPM_2_20190221T154472_20190221T21634_C001 CS_OFFL_SIR_NOPM_2_20190221T154472_20190221T21634_C001 CS_OFFL_SIR_NOPM_2_20190221T154472_20190221T154772_C001 CS_OFFL_SIR_NOPM_2_20190221T154472_20190221T154772_C001 CS_OFFL_SIR_NOPM_2_20190221T154472_20190221T1547735_C001 CS_OFFL_SIR_NOPM_2_20190221T154472_20190221T1547735_C001	CS_OFFL_SIR_NOPM_2_20190221T203328_20190221T203714_C001	Ice Range Averaging Status	
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CS_OFFL_SIR_NOPN_2_20190221T040117_20190221T040351_C001 CS_OFFL_SIR_NOPN_2_20190221T045945_20190221T050226_C001 CS_OFFL_SIR_NOPN_2_20190221T045945_20190221T050226_C001 CS_OFFL_SIR_NOPN_2_20190221T053615_20190221T053757_C001 CS_OFFL_SIR_NOPN_2_20190221T128525_20190221T053757_C001 CS_OFFL_SIR_NOPN_2_20190221T112825_20190221T112911_C001 CS_OFFL_SIR_NOPN_2_20190221T11285831_20190221T112911_C001 CS_OFFL_SIR_NOPN_2_20190221T1185831_20190221T11291304 CS_OFFL_SIR_NOPN_2_20190221T185831_20190221T185838_C001 CS_OFFL_SIR_NOPN_2_20190221T203101_20190221T203328_C001 CS_OFFL_SIR_NOPN_2_20190221T203101_20190221T203328_C001 CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001 CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001 CS_OFFL_SIR_NOPN_2_20190221T2030714_20190221T203704_C001 CS_OFFL_SIR_NOPN_2_20190221T213047_20190221T213108_C001 CS_OFFL_SIR_NOPN_2_20190221T203072_T0190221T21304_C001 CS_OFFL_SIR_NOPN_2_20190221T213047_20190221T21304_C001 CS_OFFL_SIR_NOPN_2_20190221T21007156_20190221T21304_C001 CS_OFFL_SIR_NOPN_2_20190221T2154721_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T0717834_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T0717834_C001 CS_OFFL	CS_OFFL_SIR_NOPM_2_20190221T234640_20190221T234948_C001	Ocean Range Averaging Status	records.
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CS_OFFL_SIR_NOPN_2_20190221T053615_20190221T053757_C001 CS_OFFL_SIR_NOPN_2_20190221T112825_20190221T112911_C001 CS_OFFL_SIR_NOPN_2_20190221T112825_20190221T112911_C001 CS_OFFL_SIR_NOPN_2_20190221T1128531_20190221T112911_C001 CS_OFFL_SIR_NOPN_2_20190221T185831_20190221T185838_C001 Ice Range Averaging Status Ice Range Averaging Status 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 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_NOPN_2_20190221T213047_20190221T213108_C001 Ice Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_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 Ra	CS_OFFL_SIR_NOPN_2_20190221T040117_20190221T040351_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPN_2_20190221T112825_20190221T112911_C001 CS_OFFL_SIR_NOPN_2_20190221T1185831_20190221T185838_C001 CS_OFFL_SIR_NOPN_2_20190221T185831_20190221T185838_C001 CS_OFFL_SIR_NOPN_2_20190221T203101_20190221T203328_C001 CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001 CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001 CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001 CS_OFFL_SIR_NOPN_2_20190221T213047_20190221T213108_C001 CS_OFFL_SIR_NOPN_2_20190221T213047_20190221T213108_C001 CS_OFFL_SIR_NOPN_2_20190221T221628_20190221T213108_C001 CS_OFFL_SIR_NOPN_2_20190221T221628_20190221T203743_C001 CS_OFFL_SIR_NOPR_2_20190221T2037156_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CCS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 COCCORD Range Averaging Status The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records. The Occord Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_NOPN_2_20190221T045945_20190221T050226_C001	Ice Range Averaging Status	
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CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001	CS_OFFL_SIR_NOPN_2_20190221T112825_20190221T112911_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001 Ice Range Averaging Status 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_NOPN_2_20190221T213047_20190221T213108_C001 CS_OFFL_SIR_NOPN_2_20190221T221628_20190221T221634_C001 CS_OFFL_SIR_NOPN_2_20190221T221628_20190221T221634_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CC_SOFFL_SIR_NOPR_2_20190221T154727_20190221T154721_C001 CC_SOFFL_SIR_NOPR_2_20190221T154727_20190221T154721_C001 CC_SOFFL_SIR_NOPR_2_20190221T154727_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154727_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154727_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T154753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_NOPR_2_20190221T154777_20190221T1547753_C001 CC_SOFFL_SIR_N	CS_OFFL_SIR_NOPN_2_20190221T185831_20190221T185838_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPN_2_20190221T213047_20190221T213108_C001 CS_OFFL_SIR_NOPN_2_20190221T21628_20190221T21634_C001 CS_OFFL_SIR_NOPN_2_20190221T221628_20190221T221634_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154731_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154731_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154731_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154731_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154731_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154753_C001 CS_OFFL_SIR_NOPR_2_20190221T154753_C001 CS_OFFL_SIR_NOPR_	CS_OFFL_SIR_NOPN_2_20190221T203101_20190221T203328_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPN_2_20190221T21628_20190221T21634_C001 CS_OFFL_SIR_NOPN_2_20190221T221628_20190221T221634_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001 CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_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_NOPN_2_20190221T203714_20190221T203720_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPR_2_20190221T121628_20190221T071834_C001	CS_OFFL_SIR_NOPN_2_20190221T213047_20190221T213108_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPR_2_20190221T1071756_20190221T1071834_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPR_2_20190221T164727_20190221T164753_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	CS_OFFL_SIR_NOPN_2_20190221T221628_20190221T221634_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPR_2_20190221T161727_20190221T161753_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_NOPR_2_20190221T154412_20190221T154721_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_NOPR_2_20190221T161727_20190221T161753_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: 82

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190221T000138_20190221T000223_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_20190221T002331_20190221T004059_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_20190221T004225_20190221T004738_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T005300_20190221T011552_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_20190221T011836_20190221T012806_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_20190221T015833_20190221T020443_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_20190221T020550_20190221T022001_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_20190221T023248_20190221T030426_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_20190221T032224_20190221T034144_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_20190221T034150_20190221T035425_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_20190221T040351_20190221T040547_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190221T040740_20190221T041051_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T041217_20190221T042813_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_20190221T043016_20190221T044032_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_20190221T050233_20190221T050421_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_20190221T050705_20190221T051851_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_20190221T053517_20190221T053615_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_20190221T054222_20190221T054507_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFFL SIR NOPM 2 20190221T054522 20190221T054952 C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190221T055146_20190221T060639_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190221T060819_20190221T061102_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_20190221T065340_20190221T065616_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_20190221T065618_20190221T071755_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_NOPM_2_20190221T072019_20190221T072857_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_20190221T073104_20190221T075628_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_20190221T082815_20190221T084426_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_20190221T084500_20190221T085652_C001	Backscatter Averaging Status	more records. The loe Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190221T090233_20190221T090653_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190221T090945_20190221T094014_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_20190221T100329_20190221T101845_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_20190221T102418_20190221T103557_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_20190221T104145_20190221T104732_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T104851_20190221T105515_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_20190221T105945_20190221T110600_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_20190221T114024_20190221T121523_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_20190221T122050_20190221T122603_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T122743_20190221T123052_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_20190221T123108_20190221T124619_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_20190221T130536_20190221T130552_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_20190221T131950_20190221T132857_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_20190221T133016_20190221T134737_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190221T134747_20190221T135400_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_20190221T135906_20190221T140050_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_20190221T140715_20190221T142921_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190221T150126_20190221T153259_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 20190221T153425 20190221T153949 C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
		records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190221T154008_20190221T154226_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_20190221T155056_20190221T160323_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_20190221T160434_20190221T161727_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_20190221T161753_20190221T162121_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_20190221T164304_20190221T165418_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_20190221T165621_20190221T171158_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20190221T171351_20190221T171847_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T171924_20190221T172043_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T172735_20190221T173250_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_20190221T174510_20190221T175636_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_20190221T183541_20190221T185100_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_20190221T185323_20190221T185800_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T190400_20190221T192257_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_20190221T192300_20190221T193119_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_20190221T200449_20190221T203051_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_20190221T203328_20190221T203714_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
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CS_OFFL_SIR_NOPM_2_20190221T204325_20190221T205533_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_20190221T210104_20190221T211057_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_20190221T213534_20190221T221011_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_20190221T221136_20190221T221628_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190221T222304_20190221T223446_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_20190221T223922_20190221T225803_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_20190221T231101_20190221T231234_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_20190221T234640_20190221T234948_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_20190221T235131_20190221T235657_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190221T040117_20190221T040351_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190221T053615_20190221T053757_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_20190221T112825_20190221T112911_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_20190221T185831_20190221T185838_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190221T203101_20190221T203328_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190221T203714_20190221T203720_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190221T213047_20190221T213108_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_20190221T221628_20190221T221634_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190221T071756_20190221T071834_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_20190221T154412_20190221T154721_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_20190221T161727_20190221T161753_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: