







1. Overview

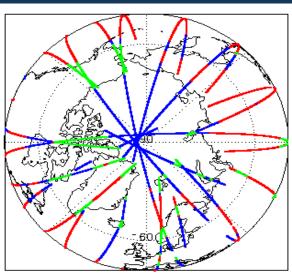
Daniert Bundunting	07.5-5.0040		
Report Production:	27-Feb-2019		
Processor Used:	CryoSat Ocean Processor		
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data		

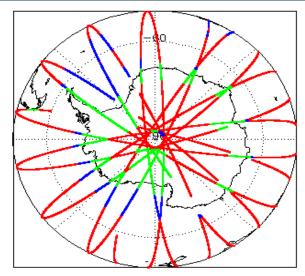
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence 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

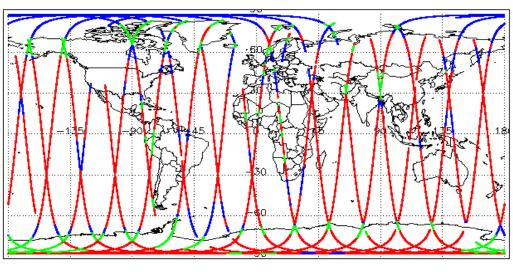
Mission / Instrument News 25-Feb-2019 None

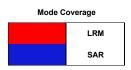
26-Feb-2019 None 27-Feb-2019 Nothing planned

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:

C

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.

lumber of products with errors:

0

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:

Ω

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:

12

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190226T102955_20190226T103142_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190226T133416_20190226T133854_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190226T154542_20190226T155353_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190226T184519_20190226T184539_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190226T004349_20190226T004428_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190226T040048_20190226T040208_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190226T044056_20190226T044705_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190226T071920_20190226T072414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190226T181244_20190226T181421_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190226T221254_20190226T221324_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190226T235509_20190226T235600_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190226T135304_20190226T140048_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:

0

5.3 L2 Auxiliary Data File Usage Check

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

umber of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

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:

83

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190225T235738_20190226T002009_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T002255_20190226T003146_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T004443_20190226T004757_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T010408_20190226T012357_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

Compress			I
Description of the Control of C	CS_OFFL_SIR_NOPM_2_20190226T012607_20190226T013102_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
COPPLIES NOTED 2 2010/2007/2018/2018/2018/2018/2018/2018/2018/2018	CS_OFFL_SIR_NOPM_2_20190226T013636_20190226T020940_C001	Ocean Range Averaging Status	
Copyril 28th ACM 2 20100020700000 20100000000000 Copyril 28th ACM 2 20100020700000 2010000000000 Copyril 28th ACM 2 201000207000000 20100000000000 Copyril 28th ACM 2 201000207000000 20100000000000 Copyril 28th ACM 2 201000207000000 20100000000000 Copyril 28th ACM 2 201000207000000 201000000000000 Copyril 28th ACM 2 201000207000000 2010000000000000 Copyril 28th ACM 2 201000207000000 201000000000000000000	CS_OFFL_SIR_NOPM_2_20190226T023308_20190226T025839_C001	Ocean Range Averaging Status	
COURTE OF COUNTY _ PREVIOUS PROVINCE PROVINCE COURTS COUNTY OF COUNTY _ PREVIOUS PROVINCE COUNTY _ COU	CS_OFFL_SIR_NOPM_2_20190226T030814_20190226T031007_C001	Ice Range Averaging Status	
Compt part Aurel 2. 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/22/2016/2012 2016/2016/2012 2016/22/2016/2012 2016/2016/2012 2016/22/2016/2012 2016/2016/2012 2016/2016/2012 2016/2016/2012 2016/2016/2012 2016/2016/2012 2016/2016/2016/2016/2016/2016/2016/2016/	CS_OFFL_SIR_NOPM_2_20190226T031645_20190226T032417_C001	Ocean Range Averaging Status	
Deep Section Deep	CS_OFFL_SIR_NOPM_2_20190226T032420_20190226T033232_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co. OH. J. BIN. (1904) 2. 20100220100308 (1904) (19	CS_OFFL_SIR_NOPM_2_20190226T033302_20190226T033428_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Description NOME 2. 2019/22019/22019/22019/22019/22019/2019/	CS_OFFL_SIR_NOPM_2_20190226T033909_20190226T034700_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Display (1997) 2 (199	CS_OFFL_SIR_NOPM_2_20190226T040208_20190226T040509_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
COUNT_SENIORM 2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_20100225104283_COLD COUNT_SEN_OWNER_2_20100225104283_COLD COUNT_SEN_OWNER_2	CS OFFL SIR NOPM 2 20190226T040720 20190226T042309 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CB_OFF_BR_NOM_2_201002007T04003_01002007T04002_C010 CB_OFF_BR_NOM_2_201002007T04003_01002007T04003_C010 CB_OFF_BR_NOM_2_201002007T04003_			The Ocean Range Averaging Status Flag has been set for one or more
CC_CFTSIR_NOM_2_20102225T05503_20102225T05505_001 CG_CFTSIR_NOM_2_20102225T05503_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T0523_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T0523_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T0523_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T0523_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T05003_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T05003_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T05003_20102225T05002_001 CG_CFTSIR_NOM_2_20102225T05003_20102225T05003_001 CG_CFTSIR_NOM_2_20102225T05003_20102225T05003_001 CG_CFTSIR_NOM_2_20102225T05003_20102225T05003_001 CG_CFTSIR_NOM_2_20102225T05003_2010225T05003_001 CG_CFTSIR_NOM_2_20102225T05003_2010225T05003_001 CG_CFTSIR_NOM_2_2010225T05003_2010225T05003_001 CG_CFTSIR_NOM_2_2010225T05003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T05003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_2010225T11003_001 CG_CFTSIR_NOM_2_2010225T11003_201			The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SR_NOPUL_2_201902261192512_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119252_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119252_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119252_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119252_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119254_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119254_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119254_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119254_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119254_0019026119252_0019 CS_OFFL_SR_NOPUL_2_20190226119254_0019026119254_0019 CS_OFFL_SR_NOPUL_2_20190226119254_001902626119254_00190 CS_OFFL_SR_NOPUL_2_20190226119254_001902626119254_00190 CS_OFFL_SR_NOPUL_2_20190226119254_001902626119254_00190 CS_OFFL_SR_NOPUL_2_20190226119254_0019026119254_00190 CS_OFFL_SR_NOPUL_2_20190226119254_001902627119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267119254_00190267119254_001900 CS_OFFL_SR_NOPUL_2_20190226119254_00190267			
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CB_OFF_SIR_NORM_2_20100226700347_20100226710023_01002 CB_OFF_SIR_NORM_2_20100226700347_2010022670023_01002 CB_OFF_SIR_NORM_2_20100226700347_20100226700345_01002 CB_OFF_SIR_NORM_2_20100226700347_20100226700345_01002 CB_OFF_SIR_NORM_2_20100226700347_20100226700345_01002 CB_OFF_SIR_NORM_2_20100226700345_010026700345_01002 CB_OFF_SIR_NORM_2_20100226700345_010026700345_01002 CB_OFF_SIR_NORM_2_20100226700345_010026700345_01002 CB_OFF_SIR_NORM_2_20100226700345_010026700345_01002 CB_OFF_SIR_NORM_2_20100226700345_010026700345_01002 CB_OFF_SIR_NORM_2_20100226700345_01002			
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See OFFL, SR NOPM 2, 201902261103522, 201902261103524. COID CS OFFL, SR NOPM 2, 20190226103646, 201902261036136, COID CS OFFL, SR NOPM 2, 20190226103646, 201902261036230, COID CS OFFL, SR NOPM 2, 20190226103646, 201902261036300, COID CS OFFL, SR NOPM 2, 20190226103646, 201902261103440, COID CS OFFL, SR NOPM 2, 201902261103632, 201902261103451, COID CS OFFL, SR NOPM 2, 201902261110363, 201902261103451, COID CS OFFL, SR NOPM 2, 201902261110363, 201902261103451, COID CS OFFL, SR NOPM 2, 201902261113611, 201902261113610, COID CS OFFL, SR NOPM 2, 201902261113611, COID CS OFFL, SR NOPM 2, 20190226113611, COID CS	CS_OFFL_SIR_NOPM_2_20190226T062457_20190226T063323_C001	Ice Range Averaging Status	records.
CS_OFFL_SR_NOPM_2_01002267103040_20100226703040_201	CS_OFFL_SIR_NOPM_2_20190226T063532_20190226T065824_C001	Ocean Range Averaging Status	records.
Ober Nampe Averaging Status Fing Romery 2, 201902207109040, 2019022071094020, 0001 CS_OFFL_SIR_NOPM_2_20190220710908207109020710001 CS_OFFL_SIR_NOPM_2_201902207109082070902071090820, 0001 CS_OFFL_SIR_NOPM_2_201902207109082070902071090820, 0001 CS_OFFL_SIR_NOPM_2_201902207109082070902071090820, 0001 CS_OFFL_SIR_NOPM_2_201902207109082070902071090820, 0001 CS_OFFL_SIR_NOPM_2_201902207109082070902071090820, 0001 CS_OFFL_SIR_NOPM_2_201902207109082070902071090820, 0001 CS_OFFL_SIR_NOPM_2_201902207109082	CS_OFFL_SIR_NOPM_2_20190226T073418_20190226T073709_C001	Ocean Range Averaging Status	records.
SO, OFFL_SIR_NOPM_2_20190226T09140_20190226T09204_CO1 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or more exords. The Ocean Range Averaging Status Flag has been set for one or	CS_OFFL_SIR_NOPM_2_20190226T073713_20190226T080136_C001	Ocean Range Averaging Status	
Code Range Averaging Status Code Range Avera	CS_OFFL_SIR_NOPM_2_20190226T080646_20190226T081136_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190228T123552_20190228T123553_2001 CS_OFFL_SIR_NOPM_2_20190228T123552_20190228T123553_2001 CS_OFFL_SIR_NOPM_2_20190228T123552_20190228T123553_2001 CS_OFFL_SIR_NOPM_2_20190228T123552_20190228T12355_2001 CS_OFFL_SIR_NOPM_2_20190228T123552_20190228T12355_2001 CS_OFFL_SIR_NOPM_2_20190228T123552_20190228T12355_2001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T12355_2001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T12355_2001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T12355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T1355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T1355_20190228T125540_C001 CS_OFFL_SIR_NOPM_2_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355_20190228T1355	CS_OFFL_SIR_NOPM_2_20190226T081415_20190226T084028_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_201902267102405_201902267102400 CS_OFFL_SIR_NOPM_2_201902267069332_201902267102100 CS_OFFL_SIR_NOPM_2_201902267102352_201902267103142_C0001 CS_OFFL_SIR_NOPM_2_201902267104449_201902267113102_C001 CS_OFFL_SIR_NOPM_2_201902267104449_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267104449_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_20190226710449_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267112513_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267112512_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_201902267113014_C0001 CS_OFFL_SIR_NOPM_2_20190226712020_20002267121301_C001 CS_OFFL_SIR_NOPM_2_20190226712020_200026712100_C001 CS_OFFL_SIR_NOPM_2_201902267120202_00002671205_C001 CS_OFFL_SIR_NOPM_2_20190226712020_20002671205_C001 CS_OFFL_SIR_NOPM_2_20190226712052_00002671205_C001 CS_OFFL_SIR_NOPM_2_20190226712052_00002671205_C001 CS_OFFL_SIR_NOPM_2_20190226712052_00002671205_C001 CS_OFFL_SIR_NOPM_2_20190226712052_00002671205_C001 CS_OFFL_SIR_NOPM_2_2019022671205_0001 CS_OFFL_SIR_NOPM_2_2019022671205_0001 CS_OFFL_SIR_NOPM_2_2019022671205_0001 CS_OFFL_SIR_NOPM_2_2019022671205_0001 CS_OFFL_SIR_NOPM_2_2019022671205_0001 CS_OFFL_SIR_NOPM_2_2019022671205_0001 CS_OFFL_SIR_NOPM_2_201902267130521_000026713020_001 CS_OFFL_SIR_NOPM_2_201902267130521_000026713050_0001 CS_OFFL_SIR_NOPM_2_201902267130521_000026713050_0001 CS_OFFL_SIR_NOPM_2_201902267130521_000026713050_0001 CS_OFFL_SIR_NOPM_2_201902267130521_000026713050_0001 CS_OFFL_SIR_NOPM_2_201902267130521_000026713050_0001 CS_OFFL_SIR_NOPM_2_20190226713050_0001 CS_OFFL_SIR_NOPM_2_20190226714030_00010026713050_0001 CS_OFFL_SIR_NOPM_2_20190226714030_00010026713050_0001 CS_OFFL_SIR_NOPM_2_20190226714030_00010026713050_0001 CS_OFFL_SIR_NOPM_2_20190226714030_00010026713050_0001 CS_OFFL_SIR_NOPM_2_20190226714030_00010026713050_0001 CS_OFFL_SIR_NOPM_2_20190226714030_0	CS_OFFL_SIR_NOPM_2_20190226T091309_20190226T092304_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190226T096332_20190226T102210_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T102355_20190226T103142_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T102449_20190226T111910_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Rang	CS_OFFL_SIR_NOPM_2_20190226T092843_20190226T094045_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190226T10205_20190226T102142_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T10205_20190226T11918_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T11323_20190226T11334_C001 CS_OFFL_SIR_NOPM_2_20190226T1132_20190226T11334_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T11320_20190226T113331_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T11302_00190226T113331_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T1205_00190226T12105_001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T12135_20190226T12105_001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T12135_20190226T1223313_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T1305_20190226T130323_O01 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_20190226T13032_0190226T13032_0190226T13032_0190226T1	CS_OFFL_SIR_NOPM_2_20190226T094605_20190226T095203_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T11913_0190226T11918_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T11913_0190226T11918_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T11913_0190226T11918_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190226T11919_02022T11919_000000 CS_OFFL_SIR_NOPM_2_20190226T11919_000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190226T095332_20190226T102210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T11915_20190226T119034_C001 CS_OFFL_SIR_NOPM_2_20190226T11915_20190226T113034_C001 CS_OFFL_SIR_NOPM_2_20190226T11301_20190226T113031_C001 CS_OFFL_SIR_NOPM_2_20190226T1301_20190226T113031_C001 CS_OFFL_SIR_NOPM_2_20190226T13029_20190226T113031_C001 CS_OFFL_SIR_NOPM_2_20190226T10302_20190226T113031_C001 CS_OFFL_SIR_NOPM_2_20190226T10302_20190226T12100_C001 CS_OFFL_SIR_NOPM_2_20190226T12032_20190226T12100_C001 CS_OFFL_SIR_NOPM_2_20190226T12032_20190226T12100_C001 CS_OFFL_SIR_NOPM_2_20190226T12035_20190226T12205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T123033_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T130028_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T130028_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T133233_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T133233_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T134433_C001 CS_OFFL_SIR_NOPM_2_20190226T144434_20190226T144413_C001 CS_OFFL_SIR_NOPM_2_20190226T144434_20190226T144413_C001 CS_OFFL_SIR_NOPM_2_20190226T144434_20190226T144433_C001 CS_OFFL_SIR_NOPM_2_20190226T1445513_20190226T165255_C001 CS_OFFL_SIR_NOPM_2_20190226T1456512_20190226T16622_C001 CS_OFFL_SIR_NOPM_2_20190226T165355_C0190226T16622_C001 CS_OFFL_SIR_NOPM_2_20190226T1653020_20190226T16625_C001 CS_OFFL_SIR_NOPM_2_20190226T165032_0190226T16625_C001 CS_OFFL_SIR_NOPM_2_20190226T165032_0190226T16625_C001 CS_OFFL_SIR_NOPM_2_20190226T165032_0190226T16625_C001 CS_OFFL_SIR_NOPM_2_20190226T165032_0190226T16625_C001 CS_OFFL_SIR_NOPM_2_20190226T165032_0190226T16625_C001 CS_OFFL_SIR_NOPM_2_20190226T164403_20190226T16625_C001 CS_OFFL_SIR_NOPM_2_20190226T164002_C0190226T16420001 CS_OFFL_SIR_NOPM_2_20190226T16400000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190226T102955_20190226T103142_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T113031_20190226T113031_C001 Cs_OFFL_SIR_NOPM_2_20190226T113011_20190226T113031_C001 Cs_OFFL_SIR_NOPM_2_20190226T113021_20190226T113031_C001 Cs_OFFL_SIR_NOPM_2_20190226T12032_20190226T12100_C001 Cs_OFFL_SIR_NOPM_2_20190226T12032_20190226T12100_C001 Cs_OFFL_SIR_NOPM_2_20190226T12032_20190226T12100_C001 Cs_OFFL_SIR_NOPM_2_20190226T12032_20190226T12100_C001 Cs_OFFL_SIR_NOPM_2_20190226T12032_20190226T12100_C001 Cs_OFFL_SIR_NOPM_2_20190226T120358_20190226T12205_C001 Cs_OFFL_SIR_NOPM_2_20190226T120358_20190226T123313_C001 Cs_OFFL_SIR_NOPM_2_20190226T120358_20190226T120364_C001 Cs_OFFL_SIR_NOPM_2_20190226T130328_20190226T130028_C001 cs_OFFL_SIR_NOPM_2_20190226T13033_20190226T130028_C001 cs_OFFL_SIR_NOPM_2_20190226T13033_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13032_20190226T133223_C001 Cs_OFFL_SIR_NOPM_2_20190226T13032_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13032_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13032_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13032_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13032_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13032_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13031_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13031_20190226T133233_C001 Cs_OFFL_SIR_NOPM_2_20190226T13031_20190226T134473_C001 Cs_OFFL_SIR_NOPM_2_20190226T144031_20190226T14473_C001 Cs_OFFL_SIR_NOPM_2_20190226T144031_20190226T144743_C001 Cs_OFFL_SIR_NOPM_2_20190226T146513_20190226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T165353_C0100226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T165353_C0100226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T165353_C0100226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T165320_20190226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T163032_00190226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T163032_00190226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T163032_00190226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T163032_00190226T162516_C001 Cs_OFFL_SIR_NOPM_2_20190226T163032_00190226T162516_C001 Cs_OFFL_SIR_NOPM_2	CS_OFFL_SIR_NOPM_2_20190226T104449_20190226T111918_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T113211_20190226T113215_C0101 CS_OFFL_SIR_NOPM_2_20190226T113709_20190226T113709_C0190226T113709_C0190226T113709_C0190226T12100_C001 CS_OFFL_SIR_NOPM_2_20190226T120820_20190226T121205_C001 CS_OFFL_SIR_NOPM_2_20190226T12135_C0190226T121205_C001 CS_OFFL_SIR_NOPM_2_20190226T12135_C0190226T12135_C0190226T12135_C0190226T12135_C0190226T123313_C001 CS_OFFL_SIR_NOPM_2_20190226T123558_C0190226T125466_C001 CS_OFFL_SIR_NOPM_2_20190226T133558_C0190226T125466_C001 CS_OFFL_SIR_NOPM_2_20190226T133558_C0190226T13333_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_C0190226T133233_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_C0190226T133233_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_C0190226T130522_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_C0190226T130522_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T130521_C0190226T140032_C0190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C0010226T160032_C001 CS_OFFL_SIR_NOPM_2_20190226T160032_C001	CS_OFFL_SIR_NOPM_2_20190226T112513_20190226T113034_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T113709_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T12135_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T122441_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T122441_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T1205_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130520_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130523_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130523_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130523_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130523_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130523_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130523_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130523_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130521_C0010 CS_OFFL_SIR_NOPM_2_20190226T140302_20190226T140304_C001 CS_OFFL_SIR_NOPM_2_20190226T140304_C001 CS_OFFL_SIR_NOPM_2_20190226T140304_C001 CS_OFFL_SIR_NOPM_2_20190226T140304_C001 CS_OFFL_SIR_NOPM_2_20190226T14404_C0010 CS_OFFL_SIR_NOPM_2_20190226T14404_C0010 CS_OFFL_SIR_NOPM_2_20190226T144513_C0010 CS_OFFL_SIR_NOPM_2_20190226T145513_C0190226T154542_C0190226T154542_C0190226T154542_C0190226T154553_C001 COean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190226T154542_C0190226T155657_C0190226T155657_C0190226T155657_C0190226T155657_C0190226T156567_C0190226T16567_C01902	CS OFFL SIR NOPM 2 20190226T113211 20190226T113617 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T12135_20190226T121305_C001 CS_OFFL_SIR_NOPM_2_20190226T12135_20190226T1223313_C001 CS_OFFL_SIR_NOPM_2_20190226T123558_20190226T123313_C001 CS_OFFL_SIR_NOPM_2_20190226T123558_20190226T123313_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_210190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_210190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_210190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_210190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_210190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13052_10190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13052_10190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13003_20190226T133233_C001 CS_OFFL_SIR_NOPM_2_20190226T140302_0190226T143704_C001 CS_OFFL_SIR_NOPM_2_20190226T143911_0190226T1443704_C001 CS_OFFL_SIR_NOPM_2_20190226T144413_0010 CS_OFFL_SIR_NOPM_2_20190226T144413_0010 CS_OFFL_SIR_NOPM_2_20190226T144413_0010010 CS_OFFL_SIR_NOPM_2_20190226T144413_0010010 CS_OFFL_SIR_NOPM_2_20190226T144413_0010010 CS_OFFL_SIR_NOPM_2_20190226T145513_00190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_00190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_00190226T155353_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_00190226T156231C001 CS_OFFL_SIR_NOPM_2_20190226T16022_00190226T16022_001 CS_OFFL_SIR_NOPM_2_20190226T16022_00190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160228_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001 CS_OFFL_SIR_NOPM_2_20190226T160258_00190226T160255_0001			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T12441_20190226T123313_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Fl			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T122441_20190226T125846_C001 CS_OFFL_SIR_NOPM_2_20190226T13558_20190226T125846_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T132433_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T132433_C001 CS_OFFL_SIR_NOPM_2_20190226T13053_20190226T13223_C001 CS_OFFL_SIR_NOPM_2_20190226T132621_20190226T13223_C001 CS_OFFL_SIR_NOPM_2_20190226T132621_20190226T143704_C001 CS_OFFL_SIR_NOPM_2_20190226T1443911_20190226T144413_C001 CS_OFFL_SIR_NOPM_2_20190226T1443911_20190226T144413_C001 CS_OFFL_SIR_NOPM_2_20190226T1443911_20190226T144413_C001 CS_OFFL_SIR_NOPM_2_20190226T1443911_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T1445513_20190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T145513_20190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T155355_C001 CS_OFFL_SIR_NOPM_2_20190226T155555_C0190226T1622_C001 CS_OFFL_SIR_NOPM_2_20190226T16802_20190226T16228_C001 CS_OFFL_SIR_NOPM_2_20190226T16802_20190226T16228_C001 CS_OFFL_SIR_NOPM_2_20190226T16802_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T163248_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T163248_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T16258_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T1763854_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T1763854_C001 CS_OFFL_SIR_NOPM_2_20190226T164			
CS_OFFL_SIR_NOPM_2_20190226T123558_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T131053_20190226T132433_C001 CS_OFFL_SIR_NOPM_2_20190226T131053_20190226T132433_C001 CS_OFFL_SIR_NOPM_2_20190226T131053_20190226T132433_C001 CS_OFFL_SIR_NOPM_2_20190226T130621_20190226T132433_C001 CS_OFFL_SIR_NOPM_2_20190226T140320_20190226T143704_C001 CS_OFFL_SIR_NOPM_2_20190226T140320_20190226T143704_C001 CS_OFFL_SIR_NOPM_2_20190226T143911_20190226T144413_C001 CS_OFFL_SIR_NOPM_2_20190226T143911_20190226T144413_C001 CS_OFFL_SIR_NOPM_2_20190226T144444_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T144444_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T145513_20190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T1554542_20190226T155353_C001 CS_OFFL_SIR_NOPM_2_20190226T1554542_20190226T16622_C001 CS_OFFL_SIR_NOPM_2_20190226T165657_20190226T16622_C001 CS_OFFL_SIR_NOPM_2_20190226T16802_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163248_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163248_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163248_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163248_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T162518_C		0 0 0	
CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130928_C001 CS_OFFL_SIR_NOPM_2_20190226T131053_20190226T132433_C001 CS_OFFL_SIR_NOPM_2_20190226T131053_20190226T132233_C001 CS_OFFL_SIR_NOPM_2_20190226T132621_20190226T133223_C001 CS_OFFL_SIR_NOPM_2_20190226T140320_20190226T143704_C001 CS_OFFL_SIR_NOPM_2_20190226T140320_20190226T144704_C001 CS_OFFL_SIR_NOPM_2_20190226T143911_20190226T1447143_C001 CS_OFFL_SIR_NOPM_2_20190226T143911_20190226T1447143_C001 CS_OFFL_SIR_NOPM_2_20190226T144414_20190226T1447143_C001 CS_OFFL_SIR_NOPM_2_20190226T145513_20190226T145616_C001 CS_OFFL_SIR_NOPM_2_20190226T145513_20190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T155353_C001 CS_OFFL_SIR_NOPM_2_20190226T155657_20190226T161622_C001 CS_OFFL_SIR_NOPM_2_20190226T165657_20190226T161622_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CCS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CCS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CCS_OFFL_SIR_NOPM_2_20190226T164907_20190226T164255_C001 CCS_OFFL_SIR_NOPM_2_20190226T163328_20190226T164255_C001 CCS_OFFL_SIR_NOPM_2_20190226T164907_20190226T164255_C001 CCS_OFFL_SIR_NOPM_2_20190226T164907_20190226T164255_C001 CCS_OFFL_SIR_NOPM_2_20190226T164907_20190226T164255_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			
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CS_OFFL_SIR_NOPM_2_20190226T13223_20011			records.
CS_OFFL_SIR_NOPM_2_20190226T140320_20190226T144704_C001 CS_OFFL_SIR_NOPM_2_20190226T143911_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T143911_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T144434_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T144434_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T145513_20190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T155535_C001 CS_OFFL_SIR_NOPM_2_20190226T155567_20190226T161622_C001 CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162318_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T16255_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T177034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CCS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CCS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CCS_OFFL_SIR_NOPM_2_20190226T173833_20190226T175518_C001 CCS_OFFL_SIR_NOPM_2_20190226T173833_20190226T175518_C001 CCS_OFFL_SIR_NOPM_2_20190226T173833_20190226T173854_C001 CCS_OFFL_SIR_NOPM_2_20190226T173854_C001 CCS_OFFL_SIR_NOPM_2_20190226T173854_C001 CCS_OFFL_			records.
CS_OFFL_SIR_NOPM_2_20190226T14431_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T144341_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T144341_20190226T144743_C001 CS_OFFL_SIR_NOPM_2_20190226T145513_20190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T155353_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T155353_C001 CS_OFFL_SIR_NOPM_2_20190226T155657_20190226T161622_C001 CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T175518_C001 CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T175518_C	CS_OFFL_SIR_NOPM_2_20190226T132621_20190226T133223_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190226T144413_C001	CS_OFFL_SIR_NOPM_2_20190226T140320_20190226T143704_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190226T154513_20190226T152616_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T155353_C001 CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T16525353_C001 CS_OFFL_SIR_NOPM_2_20190226T155657_20190226T161622_C001 CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T175518_C001 CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T17551	CS_OFFL_SIR_NOPM_2_20190226T143911_20190226T144413_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T161622_C001 CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T161622_C001 CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CCG_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CCG_OFFL_SIR_NOPM_2_20190226T172802_20190226T173854_C001 CCG_OFFL_SIR_NOPM_2_20190226T172802_20190226T173854_C001 CCG_OFFL_SIR_NOPM_2_20190226T172802_20190226T173854_C001 CCG_OFFL_SIR_NOPM_2_20190226T172802_20190226T173854_C001 CCG_OFFL_SIR_NOPM_2_20190226T17	CS_OFFL_SIR_NOPM_2_20190226T144434_20190226T144743_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T175518_C001 CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T175518_C001 CCG_OFFL_SIR_NOPM_2_20190226T174033_20190226T175518_C001	CS_OFFL_SIR_NOPM_2_20190226T145513_20190226T152616_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190226T161802_20190226T162311_C001 CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CC_COMPARABLE 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.	CS_OFFL_SIR_NOPM_2_20190226T154542_20190226T155353_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T177034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T175518_C001 CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T175518_C001 CC_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_20190226T155657_20190226T161622_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 Ocean Range Averaging Status The lce Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging 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_20190226T161802_20190226T162311_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001 CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T175518_C001	CS_OFFL_SIR_NOPM_2_20190226T162348_20190226T162518_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_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.	CS_OFFL_SIR_NOPM_2_20190226T163258_20190226T164255_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T172822_20190226T173854_C001 Ocean Range Averaging Status Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more or more records.	CS_OFFL_SIR_NOPM_2_20190226T164907_20190226T170034 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190226T174033_20190226T175518_C001			The Ocean Range Averaging Status Flag has been set for one or more
records.		0 00	The Ocean Range Averaging Status Flag has been set for one or more
		3 3 3	records.

CS_OFFL_SIR_NOPM_2_20190226T175721_20190226T180222_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T180302_20190226T180404_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T181421_20190226T182537_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T182649_20190226T183244_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T183528_20190226T184226_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T191132_20190226T193454_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T193759_20190226T194138_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T194744_20190226T201640_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T204756_20190226T211405_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T211541_20190226T212052_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T212059_20190226T212427_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T212720_20190226T213856_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T214434_20190226T220127_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T222420_20190226T223110_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T224730_20190226T225356_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T225540_20190226T230125_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T230149_20190226T230327_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T230643_20190226T234025_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T054007_20190226T054116_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T081137_20190226T081220_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T094355_20190226T094605_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T181244_20190226T181421_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T183245_20190226T183406_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190226T013426_20190226T013636_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190226T113154_20190226T113211_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190226T122354_20190226T122441_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190226T171117_20190226T171404_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190226T213856_20190226T213911_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: 76

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190225T235738_20190226T002009_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_20190226T002255_20190226T003146_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_20190226T004443_20190226T004757_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_20190226T010408_20190226T012357_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_20190226T012607_20190226T013102_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T013636_20190226T020940_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_20190226T023308_20190226T025839_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_20190226T030814_20190226T031007_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T031645_20190226T032417_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_20190226T032420_20190226T033232_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_20190226T033302_20190226T033428_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_20190226T033909_20190226T034700_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_20190226T040208_20190226T040509_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T040720_20190226T042309_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_20190226T042523_20190226T044015_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_20190226T044706_20190226T044919_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS OFFI SIR NORM 2 20190226T060710 20190226T062223 C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS OFFI SIR NOPM 2 20190226T073713 20190226T080136 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS OFFI SIR NORM 2 20190226T081/15 20190226T084028 C001	SWH Averaging Status, Ocean	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
	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
	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_201902261095332_201902261102210_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
	Ice Backscatter Averaging Status	records.
CS_OFFL_SIK_NOPM_2_201902201113211_201902201113017_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_201902261120820_201902261121100_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	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_20190226T130404_20190226T130515_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T130521_20190226T130928_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS OFFI SIR NOPM 2 20190226T132621 20190226T133223 C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS OFFI SID NODM 2 20100226T140320 20100226T143704 C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS OFFI SIR NOPM 2 20190226T145513 20190226T152616 C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFI SID NORM 2 20100226T155657 20100226T161622 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 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
	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIK_NOPM_Z_201902201103236_201902201104235_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_201902261164907_201902261170034_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_201902261172822_201902261173854_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.
CS_OFFL_SIR_NOPM_2_20190226T175721_20190226T180222_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
C5_OFFL_SIR_NOPM_2_201902261181421_201902261182537_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T193759_20190226T194138_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190226T212059_20190226T212427_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS OFFI SIR NORM 2 20190226T212720 20190226T213856 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFI SIR NOPM 2 20190226T214434 20190226T220127 C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFI SIR NOPM 2 20190226T222420 20190226T223110 C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFI SID NORM 2 201002267224720 201002267225256 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 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
	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
00_0.1.E_0 _ 140 _E_20 300220 200040_20 300220 204020_000	Backscatter Averaging Status	more records.

CS_OFFL_SIR_NOPN_2_20190226T054007_20190226T054116_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T081137_20190226T081220_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T094355_20190226T094605_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190226T181244_20190226T181421_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_20190226T183245_20190226T183406_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_20190226T013426_20190226T013636_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_20190226T113154_20190226T113211_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_20190226T122354_20190226T122441_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_20190226T171117_20190226T171404_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_20190226T213856_20190226T213911_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:

63