







1. Overview

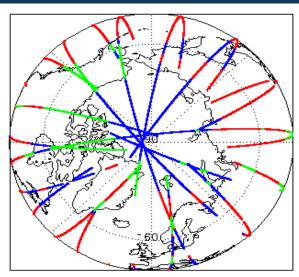
Report Production:	19-Feb-2019	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data	

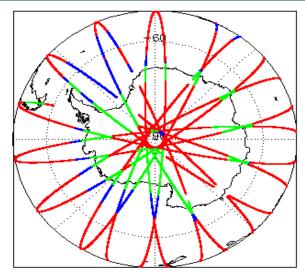
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence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

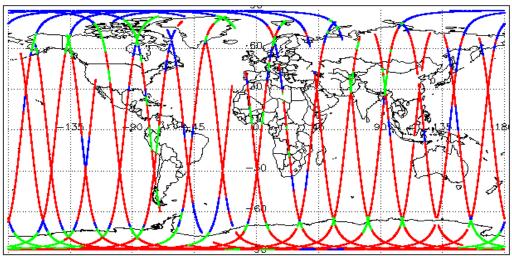
wission / instrument news	
17-Feb-2019	None
18-Feb-2019	None

18-Feb-2019 None 19-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:

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:

0

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_20190218T060054_20190218T061207_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190218T155628_20190218T160337_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190218T010135_20190218T010307_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190218T041037_20190218T041158_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190218T072902_20190218T073446_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190218T121757_20190218T121845_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190218T140015_20190218T140249_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190218T185431_20190218T185938_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190218T195427_20190218T195644_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190218T055855_20190218T060054_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190218T090014_20190218T090219_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190218T120839_20190218T121217_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.

lumber 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:

73

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190218T000721_20190218T004117_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T005443_20190218T005623_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T011400_20190218T013329_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T013543_20190218T014048_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

Got Per Bit North 2 (2004) Interference of control of more control of the control			The Occupancy Assessment Obstacles Florida and Assessment
Commanded Comm	CS_OFFL_SIR_NOPM_2_20190218T014611_20190218T022008_C001	Ocean Range Averaging Status	
Comp. 188, 2001-2, 2010 control contro	CS_OFFL_SIR_NOPM_2_20190218T024526_20190218T030823_C001	Ocean Range Averaging Status	
COPPLIES NOTHER 2 DESCRIPTIONS STOCKED	CS_OFFL_SIR_NOPM_2_20190218T031132_20190218T031151_C001	Ocean Range Averaging Status	
COUNT, SITE MONTH, 2 DISSIDITIONS, 20160210TOSSNE, COID COUNTY, SITE MONTH, 2 DISSIDITIONS, 20160210TOSSNE, COID COID COUNT, SITE MONTH, 2 DISSIDITIONS, 20160210TOSSNE, COID COID COID COID COID COID COID COID COID	CS_OFFL_SIR_NOPM_2_20190218T031759_20190218T031952_C001	Ice Range Averaging Status	
Confl. Co	CS_OFFL_SIR_NOPM_2_20190218T032628_20190218T034414_C001	Ocean Range Averaging Status	
Co. Det. 38. NOPM_2 DESCRIPTION STORY (1992). COST CO. DET. 38. NOPM_	CS_OFFL_SIR_NOPM_2_20190218T034855_20190218T035708_C001	Ocean Range Averaging Status	
Computer Set (1997)	CS_OFFL_SIR_NOPM_2_20190218T041158_20190218T041433_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Co. OFT., SITL, NOPIA_2, 20160218T04695_20102251704695_0001	CS_OFFL_SIR_NOPM_2_20190218T041606_20190218T043306_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFF_SIR_NORM_2_2016011000012_2016011000012_C01601 CS_OFF_SIR_NORM_2_2016011000002_201601100014_C01601 CS_OFF_SIR_NORM_2_2016011000002_2016011000012_C01601 CS_OFF_SIR_NORM_2_20160110000002_2016011000012_C01601 CS_OFF_SIR_NORM_2_2016011000002_2016011000012_C01601 CS_OFF_SIR_NORM_2_20160110000002_2016011000012_C01601 CS_OFF_SIR_NORM_2_2016011000002_2016011000002_C016011000012_C01601 CS_OFF_SIR_NORM_2_20160110000002_2016011000002_C01601 CS_OFF_SIR_NORM_2_2016011000002_2016011000002_C0160110000002_C016011000002_C016011000002_C016011000002_C016011000002_C016011000002_C016011000002_C016011000002_C0160110000002_C0160110000002_C01601100000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190218T043508_20190218T044935_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Conf. Six North 2, 20100219T00004 (2010019T00004 (2	CS_OFFL_SIR_NOPM_2_20190218T045956_20190218T050405_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
0.9 OFFL SR NOPM 2 20190291700000 20190291700000 C010 C0.9 OFFL SR NOPM 2 20190291700000 2019029170000 C010 C0.9 OFFL SR NOPM 2 20190291700000 C010 C0.9 OFFL SR NOPM 2 20190291710000 C010 C0.9 OFFL SR NOPM 2 20190291	CS_OFFL_SIR_NOPM_2_20190218T050542_20190218T052119_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
to, CPFL_SIR_NOME7 protocorrentessesprotocorren	CS_OFFL_SIR_NOPM_2_20190218T052320_20190218T053241_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co. OPTL_SR_NORM_2_20180218703602_20190218703602_20	CS OFFL SIR NOPM 2 20190218T055055 20190218T055145 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NORM_2_20160218706452_20190218706407_C001 CS_OFFL_SIR_NORM_2_20160218706452_20190218707935_C001 CS_OFFL_SIR_NORM_2_20160218706452_20190218707935_C001 CS_OFFL_SIR_NORM_2_20160218707452_20190218707935_C001 CS_OFFL_SIR_NORM_2_20160218707452_20190218707935_C001 CS_OFFL_SIR_NORM_2_20160218707452_20190218707455_C001 CS_OFFL_SIR_NORM_2_20160218707452_201902187081456_C001 CS_OFFL_SIR_NORM_2_201602187081452_201902187081456_C001 CS_OFFL_SIR_NORM_2_201602187081456_C001 CS_OFFL_SIR_NORM_2_201602187081456_C001 CS_OFFL_SIR_NORM_2_201602187081456_C001 CS_OFFL_SIR_NORM_2_2016021870816565_C001 CS_OFFL_SIR_NORM_2_2016021870816565_C001 CS_OFFL_SIR_NORM_2_2016021870816565_C001 CS_OFFL_SIR_NORM_2_2016021870816565_C001 CS_OFFL_SIR_NORM_2_2016021870816565_C001 CS_OFFL_SIR_NORM_2_201602187086565_C0010218706666_C001021870666_C001021870666_C0010218706666_C0010218706666_C0010218706666_C0010218706666_C0010218706666_C0010218706666_C001021870666_C0010218706666_C0010218	CS OFFL SIR NOPM 2 20190218T060054 20190218T061207 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Co., CFFL, SIR, NORM 2, 20192218T007427 20192218T007452 C010 Cos. FFL, SIR, NORM 2, 20192218T007427 20192218T007453 C010 Cos. FFL, SIR, NORM 2, 20192218T007427 20192218T007454 C010 Cos. FFL, SIR, NORM 2, 20192218T007452 C010 Cos. FFL, SIR, NORM 2, 20192218T007427 20192218T007454 C010 Cos. FFL, SIR, NORM 2, 20192218T007427 20192218T007454 C010 Cos. FFL, SIR, NORM 2, 20192218T007455 C010 Cos. FFL, SIR, NORM 2, 20192218T007455 C010 Cos. FFL, SIR, NORM 2, 20192218T007455 C010 Cos. FFL, SIR, NORM 2, 20192218T100745 C01015 C01014 C		Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SR_NORM_2_201002181707432_20192181707854_C001 CS_OFFL_SR_NORM_2_201002181707432_20192181707854_C001 CS_OFFL_SR_NORM_2_201002181707432_20192181707854_C001 CS_OFFL_SR_NORM_2_201002181707432_20192181707854_C001 CS_OFFL_SR_NORM_2_201002181707432_20192181707854_C001 CS_OFFL_SR_NORM_2_201002181707432_C0012181708158_C001 CS_OFFL_SR_NORM_2_201002181707432_C0012181708158_C001 CS_OFFL_SR_NORM_2_201002181708140_S1002181708158_C001 CS_OFFL_SR_NORM_2_201002181708158_C001 CS_OFFL_SR_NORM_2_201002181708218_C001 CS_OFFL_SR_NORM_2_201002181708218_C0010238_C001 CS_OFFL_SR_NORM_2_201002181708218_C0010238_C001 CS_OFFL_SR_NORM_2_201002181708218_C0010238_C001 CS_OFFL_SR_NORM_2_20100218170838_C0010218170838_C001 CS_OFFL_SR_NORM_2_20100218170838_C0010218170850_C001 CS_OFFL_SR_NORM_2_20100218170838_C0010218170850_C001 CS_OFFL_SR_NORM_2_20100218171088_C0010218170850_C001 CS_OFFL_SR_NORM_2_201002181710838_C00102181710850_C001 CS_OFFL_SR_NORM_2_201002181710850_200101 CS_OFFL_SR_NORM_2_201002181710850_C00101 CS_OFFL_SR_NORM_2_201002181710850_C00101 CS_OFFL_SR_NORM_2_201			The Ice Range Averaging Status Flag has been set for one or more
Cocan Range Averaging Status Cocan Range Averaging Status The Cocan Range Averaging Status Cocan Range Averaging Status The Cocan Range Av			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFF_SIR_NOPM_2_20100218T074729_20100218T08114_C001 CS_OFF_SIR_NOPM_2_20100218T074739_20100218T08114_C001 CS_OFF_SIR_NOPM_2_20100218T08143_20100218T08158_C001 LS_OFF_SIR_NOPM_2_20100218T08143_20100218T08158_C001 LS_OFF_SIR_NOPM_2_20100218T08143_20100218T08158_C001 CS_OFF_SIR_NOPM_2_20100218T0810247_20100218T08218_C001 CS_OFF_SIR_NOPM_2_20100218T0810247_20100218T08218_C001 CS_OFF_SIR_NOPM_2_20100218T080452_0100218T08218_C001 CS_OFF_SIR_NOPM_2_20100218T080452_0100218T080458_C001 CS_OFF_SIR_NOPM_2_20100218T080452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T080452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T080452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T080452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T080452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T090452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T090452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T090452_0100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T090458_00100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T090458_00100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T190348_00100218T090458_C001 CS_OFF_SIR_NOPM_2_20100218T190348_00100218T19058_C001 CS_OFF_SIR_NOPM_2_20100218T114457_20100218T11469_C001 CS_OFF_SIR_NOPM_2_20100218T114457_20100218T11469_C001 CS_OFF_SIR_NOPM_2_20100218T114457_20100218T11469_C001 CS_OFF_SIR_NOPM_2_20100218T114457_20100218T11469_C001 CS_OFF_SIR_NOPM_2_20100218T11444_0010011 CS_OFF_SIR_NOPM_2_20100218T114444_0010011 CS_OFF_SIR_NOPM_2_20100218T114444_0010011 CS_OFF_SIR_NOPM_2_20100218T1144417_00100218T1000000000000000000000000000000			
OS. OFFL_SIR_NOFM_2_20190218T081343_20190218T081345_C001 CS. OFFL_SIR_NOFM_2_20190218T081343_20190218T081345_C001 CS. OFFL_SIR_NOFM_2_20190218T082145_C001 CS. OFFL_SIR_NOFM_2_20190218T108145_C001 CS. OFFL_SIR_NOFM_2_20190218T10815_C001 CS. OFFL_SIR_NOFM_2_20190218T10815_C001 CS. OFFL_SIR_NOFM_2_20190218T11085_C001 CS. OFFL_SIR_NOFM_2_201			
Court Forting Averaging Status CS_OFFL_SIR_NOFM_2_201902181708243_201902181708213_C001 CS_OFFL_SIR_NOFM_2_201902181708247_201902181708454_C001 CS_OFFL_SIR_NOFM_2_201902181708247_201902181708454_C001 CS_OFFL_SIR_NOFM_2_201902181708247_201902181708454_C001 CS_OFFL_SIR_NOFM_2_20190218170827_201902181708455_C001 CS_OFFL_SIR_NOFM_2_20190218170827_201902181708455_C001 CS_OFFL_SIR_NOFM_2_20190218170827_201902181708455_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_20190218170845_C001 CS_OFFL_SIR_NOFM_2_201902181713455_C001 CS_OFFL_SIR_NOFM_2_20190218			records.
SOFFL SR NOPM_2 20190218703242 20190218703246 C001 CS OFFL SR NOPM_2 20190218703227 201902187032246 C001 CS OFFL SR NOPM_2 20190218703227 201902187103226 C001 CS OFFL SR NOPM_2 201902187032827 201902187103260 C001 CS OFFL SR NOPM_2 201902187103246 201902187103260 C001 CS OFFL SR NOPM_2 201902187103246 20190218710325 C001 CS OFFL SR NOPM_2 20190218710346 20190218711445 C001 CS OFFL SR NOPM_2 20190218710346 20190218711445 C001 CS OFFL SR NOPM_2 2019021871346 20190218711445 C001 CS OFFL SR NOPM_2 2019021871346 20190218711435 C001 CS OFFL SR NOPM_2 2019021871346 2019021871346 C001 CS OFFL SR NOPM_2 2019021871346 2019021871346 C001 CS OFFL SR NOPM_2 2019021871346 20190218713465 C001 CS OFFL SR NOPM_2 2019021871346 20190218713465 C001 CS OFFL SR NOPM_2 2019021871346 20190218713455 C001 CS OFFL SR NOPM_2 2019021871346 C0190218713465 C001 CS OFFL SR NOPM_2 2019021871346 C019021871360 C001 CS OFFL SR NOPM_2 2019021871360 C019021871360 C001 CS OFFL SR NOPM_2 2019021		Ocean Range Averaging Status	records.
SCOPFL_SR_NOPM_2_201902187109227_201902187109232_C001 CS_OFFL_SR_NOPM_2_20190218709327_201902187094955_C001 CS_OFFL_SR_NOPM_2_20190218709327_201902187094955_C001 CS_OFFL_SR_NOPM_2_20190218709327_201902187094955_C001 CS_OFFL_SR_NOPM_2_20190218709327_201902187094955_C001 CS_OFFL_SR_NOPM_2_20190218709327_201902187109495_C001 CS_OFFL_SR_NOPM_2_201902187109342_C01902187109495_C001 CS_OFFL_SR_NOPM_2_20190218710949_201902187109495_C001 CS_OFFL_SR_NOPM_2_20190218710949_201902187112945_C001 CS_OFFL_SR_NOPM_2_201902187112945_201902187112945_C001 CS_OFFL_SR_NOPM_2_201902187112945_201902187112945_C001 CS_OFFL_SR_NOPM_2_20190218711497_C010 CS_OFFL_SR_NOPM_2_20190218711497_C010 CS_OFFL_SR_NOPM_2_20190218711497_C010 CS_OFFL_SR_NOPM_2_20190218711497_C010 CS_OFFL_SR_NOPM_2_20190218711497_C010 CS_OFFL_SR_NOPM_2_20190218711497_C010 CS_OFFL_SR_NOPM_2_20190218711497_C010 CS_OFFL_SR_NOPM_2_2019021871393_20190218711495_C001 CS_OFFL_SR_NOPM_2_2019021871393_20190218711935_C001 CS_OFFL_SR_NOPM_2_2019021871393_2019021871395_C001 CS_OFFL_SR_NOPM_2_20190218713945_2019021871395_C001 CS_OFFL_SR_NOPM_2_20190218713945_2019021871395_C001 CS_OFFL_SR_NOPM_2_20190218713945_2019021871395_C001 CS_OFFL_SR_NOPM_2_20190218713945_2019021871395_C001 CS_OFFL_SR_NOPM_2_2019021871497_C0100218713496_C001	CS_OFFL_SIR_NOPM_2_20190218T081343_20190218T081545_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190218T093242 C0100218T093248 C001 Ocean Range Averaging Status Fine Status Fine Ocean Range Averaging Status Fine Ocean	CS_OFFL_SIR_NOPM_2_20190218T081625_20190218T082138_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190218T009382_20190218T009345_0001 Ocean Range Averaging Status Fine Ocean Range Averaging Status Fine Fine Cocean Range Averaging Status Fine Fine Fine Fine Cocean Range Averaging Status Fine Fine Fine Cocean Range Averaging Status Fine Fine Fine Cocean Range Averaging Status Fine Fine Fine Cocean Range Averagin	CS_OFFL_SIR_NOPM_2_20190218T082417_20190218T084934_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_0190218T008362_0190218T103132_001 CS_OFFL_SIR_NOPM_2_0190218T008350_0190218T103132_001 CS_OFFL_SIR_NOPM_2_0190218T1008321_20190218T103132_001 CS_OFFL_SIR_NOPM_2_0190218T108459_0190218T103132_001 CS_OFFL_SIR_NOPM_2_0190218T108459_0190218T104152_001 CS_OFFL_SIR_NOPM_2_0190218T108459_0190218T114052_001 CS_OFFL_SIR_NOPM_2_0190218T114167_0190218T14817_0001 CS_OFFL_SIR_NOPM_2_0190218T114167_0190218T141817_0001 CS_OFFL_SIR_NOPM_2_0190218T114167_0190218T141817_0001 CS_OFFL_SIR_NOPM_2_0190218T114157_0190218T130330_0010 CS_OFFL_SIR_NOPM_2_0190218T13062_0190218T130305_0011 CS_OFFL_SIR_NOPM_2_0190218T124454_0190218T130305_0011 CS_OFFL_SIR_NOPM_2_0190218T1300_0190218T13050_0100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100218T13050_00100100100218T13050_001001001001001001001001001001	CS_OFFL_SIR_NOPM_2_20190218T092106_20190218T093248_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190218T103042_20190218T100552_001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190218T103048_20190218T104017_C001 Ocean Range Averaging Status The	CS_OFFL_SIR_NOPM_2_20190218T093827_20190218T094955_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190218T103498_20190218T112905_C010 CS_OFFL_SIR_NOPM_2_20190218T103498_20190218T112905_C010 CS_OFFL_SIR_NOPM_2_20190218T113458_20190218T114025_C010 CS_OFFL_SIR_NOPM_2_20190218T113458_20190218T114025_C010 CS_OFFL_SIR_NOPM_2_20190218T113458_20190218T114025_C010 CS_OFFL_SIR_NOPM_2_20190218T113458_20190218T113417_C001 CS_OFFL_SIR_NOPM_2_20190218T113458_20190218T11205_C010 CS_OFFL_SIR_NOPM_2_20190218T113459_C0190218T11305_C010 CS_OFFL_SIR_NOPM_2_20190218T13205_C010 CS_OFFL_SIR_NOPM_2_20190218T13205_C010 CS_OFFL_SIR_NOPM_2_20190218T13205_C0100218T1305_C010 CS_OFFL_SIR_NOPM_2_20190218T13205_C0100218T1305_C010 CS_OFFL_SIR_NOPM_2_20190218T13205_C0100218T1305_C010 CS_OFFL_SIR_NOPM_2_20190218T13205_C0100218T1305_C01002018T1305_C01002018T1305_C0100218T130	CS_OFFL_SIR_NOPM_2_20190218T095550_20190218T100154_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_201902187113458_201902187114905_C001 CS_OFFL_SIR_NOPM_2_201902187114358_201902187114905_C001 CS_OFFL_SIR_NOPM_2_201902187114358_201902187114905_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187114905_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187114905_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187114905_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187139089_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187139089_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187139089_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187139089_C001 CS_OFFL_SIR_NOPM_2_20190218712454_201902187134091_C001 CS_OFFL_SIR_NOPM_2_201902187144542_001902187144642_C001 CS_OFFL_SIR_NOPM_2_201902187144642_C019 CS_OFFL_SIR_NOPM_2_20190218714540_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187145419_20190218714500_C001 CS_OFFL_SIR_NOPM_2_201902187160037_C001 CS_OFFL_SIR_NOPM_2_201902187160033_201902187160030_C001 CS_OFFL_SIR_NOPM_2_201902187160032_201902187160030_C001 CS_OFFL_SIR_NOPM_2_2019021871600032_201902187160000_C001 CS_OFFL_SIR_NOPM_2_2019021871600032_2019021871600000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190218T100321_20190218T103132_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_201902181114559_20190218114001 CS_OFFL_SIR_NOPM_2_201902181124549_20190218114001 Ocean Range Averaging Status The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_NOPM_2_20190218T103948_20190218T104117_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190218T114157_20190218T12134_C001 CS_OFFL_SIR_NOPM_2_20190218T12134_C001 CS_OFFL_SIR_NOPM_2_20190218T12134_C001 CS_OFFL_SIR_NOPM_2_20190218T12343_20190218T12454_C001 CS_OFFL_SIR_NOPM_2_20190218T124544_20190218T13938_C001 CS_OFFL_SIR_NOPM_2_20190218T134544_20190218T13905_C001 CS_OFFL_SIR_NOPM_2_20190218T131506_20190218T13195_C001 CS_OFFL_SIR_NOPM_2_20190218T131506_20190218T13195_C001 CS_OFFL_SIR_NOPM_2_20190218T141254_20190218T130049_C001 CS_OFFL_SIR_NOPM_2_20190218T141254_20190218T130049_C001 CS_OFFL_SIR_NOPM_2_20190218T141254_20190218T14442_C001 CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T14454_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T14575_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T14575_C001 CS_OFFL_SIR_NOPM_2_20190218T165051_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T160332_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T160332_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160331_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T163204_C0190218T180506_C001 CS_OFFL_SIR_NOPM_2_20190218T163204_C0190218T180506_C001 CS_OFFL_SIR_NOPM_2_20190218T163204_C0190218T180506_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_0190218T160335_C001 CS_OFFL_SIR_NOPM_2_20190218T162043_20190218T180506_C001 CS_OFFL_SIR_NOPM_2_20190218T162043_20190218T180506_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_0190218T180506_C00	CS_OFFL_SIR_NOPM_2_20190218T105459_20190218T112905_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190218T121845_20190218T12459_C001 CS_OFFL_SIR_NOPM_2_20190218T123433_20190218T12459_C001 CS_OFFL_SIR_NOPM_2_20190218T124544_20190218T130839_C001 CS_OFFL_SIR_NOPM_2_20190218T124544_20190218T130839_C001 CS_OFFL_SIR_NOPM_2_20190218T130804_20190218T1308039_C001 CS_OFFL_SIR_NOPM_2_20190218T130804_20190218T130803_C001 CS_OFFL_SIR_NOPM_2_20190218T130804_20190218T130805_C001 CS_OFFL_SIR_NOPM_2_20190218T130804_20190218T130805_C001 CS_OFFL_SIR_NOPM_2_20190218T14509_20190218T14460_C001 CS_OFFL_SIR_NOPM_2_20190218T14509_20190218T14500_C001 CS_OFFL_SIR_NOPM_2_20190218T14509_20190218T14500_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_C001 CS_OFFL_SIR_NOPM_2_20190218T16000_20190218T16000_C001 CS_OFFL_SIR_NOPM_2_20190218T160000_20190218T16000_C001 CS_OFFL_SIR_NOPM_2_20190218T160000_20190218T16000_C001 CS_OFFL_SIR_NOPM_2_20190218T1600000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190218T113458_20190218T114025_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190218T12443_20190218T130839_C001 CS_OFFL_SIR_NOPM_2_20190218T1306_20190218T130839_C001 CS_OFFL_SIR_NOPM_2_20190218T1315506_20190218T134051_C001 CS_OFFL_SIR_NOPM_2_20190218T1451250_20190218T144642_C001 CS_OFFL_SIR_NOPM_2_20190218T14519_20190218T145400_C001 CS_OFFL_SIR_NOPM_2_20190218T14519_20190218T145400_C001 CS_OFFL_SIR_NOPM_2_20190218T14519_20190218T14550_C001 CS_OFFL_SIR_NOPM_2_20190218T14519_20190218T14550_C001 CS_OFFL_SIR_NOPM_2_20190218T14519_20190218T14500_C001 CS_OFFL_SIR_NOPM_2_20190218T14519_20190218T14500_C001 CS_OFFL_SIR_NOPM_2_20190218T155028_C001 CS_OFFL_SIR_NOPM_2_20190218T155028_C001 CS_OFFL_SIR_NOPM_2_20190218T155028_C001 CS_OFFL_SIR_NOPM_2_20190218T155028_C001 CS_OFFL_SIR_NOPM_2_20190218T155028_C001 CS_OFFL_SIR_NOPM_2_20190218T155028_C001 CS_OFFL_SIR_NOPM_2_20190218T15001_C0190218T162005_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_C0190218T162005_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_C0190218T160033_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_C001 CS_OFFL_SIR_NOPM_2_20190218T180014_C001 CS_OFFL_SIR_NOPM_2_20190218T180014_C001 CS_OFFL_SIR_NOPM_2_20190218T180014_C001 CS_OF	CS_OFFL_SIR_NOPM_2_20190218T114157_20190218T114817_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190218T13653_20190218T130839_C001 CS_OFFL_SIR_NOPM_2_20190218T13062_20190218T1319815_C001 CS_OFFL_SIR_NOPM_2_20190218T13064_20190218T134051_C001 CS_OFFL_SIR_NOPM_2_20190218T14450_20190218T14450_C001 CS_OFFL_SIR_NOPM_2_20190218T14450_20190218T14450_C001 CS_OFFL_SIR_NOPM_2_20190218T144517_20190218T14450_C001 CS_OFFL_SIR_NOPM_2_20190218T144519_20190218T14540_C001 CS_OFFL_SIR_NOPM_2_20190218T144519_20190218T14555_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T14555_C001 CS_OFFL_SIR_NOPM_2_20190218T145519_20190218T14555_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T166035_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T16558_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T16050_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T16050_C001 CS_OFFL_SIR_NOPM_2_20190218T160332_20190218T16050_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T1600033_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T1600000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190218T121845_20190218T122134_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190218T14506_20190218T131915_C001 CRAnge Averaging Status CS_OFFL_SIR_NOPM_2_20190218T141506_20190218T144051_C001 CRANGE Averaging Status CS_OFFL_SIR_NOPM_2_20190218T141250_20190218T144051_C001 CS_OFFL_SIR_NOPM_2_20190218T141250_20190218T14400_C001 CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T145400_C001 CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T14579_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T14579_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_C001 CS_OFFL_SIR_NOPM_2_20190218T156628_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T160505_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T160931_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T16358_C001 CS_OFFL_SIR_NOPM_2_20190218T163582_20190218T17483_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T17483_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T163070_20190218T18209_C001 CS_OFFL_SIR_NOPM_2_20190218T1805014_C001 CS_OFF	CS_OFFL_SIR_NOPM_2_20190218T123433_20190218T124259_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190218T131506_20190218T131915_C001 CS_OFFL_SIR_NOPM_2_20190218T132044_20190218T134051_C001 CS_OFFL_SIR_NOPM_2_20190218T141250_20190218T144642_C001 CS_OFFL_SIR_NOPM_2_20190218T1441250_20190218T144642_C001 CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T14500_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T145759_C001 CS_OFFL_SIR_NOPM_2_20190218T155001_20190218T153628_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_20190218T163037_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T160333_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T160333_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T160333_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T160331_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T163358_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T163311_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T18118209_C001 CS_OFFL_SIR_NOPM_2_20190218T162043_20190218T18181209_C001 CS_OFFL_SIR_NOPM_2_20190218T1805043_20190218T18181209_C001 CS_OFFL_SIR_NOPM_2_20190218T1805043_20190218T18181209_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T18318_C001 COean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T18318_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 Ocean Range Averaging 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_20190218T124544_20190218T130839_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20190218T132044_20190218T144642_C001 CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T145400_C001 CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T145759_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T145759_C001 CS_OFFL_SIR_NOPM_2_20190218T150501_20190218T150502_20190218T150501_20190218T150502_20190218T150501_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T150502_20190218T1750502_20190218T175058_20190218T180514_2001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_2001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_2001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T180514_2001 CCean Range Averaging Status CCean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T180514_2001 CCEAN RANGE Averaging Status The Ocean R	CS_OFFL_SIR_NOPM_2_20190218T131506_20190218T131915_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T1441250_20190218T144642_C001 CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T145400_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T145759_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T155628_C001 CS_OFFL_SIR_NOPM_2_20190218T150501_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T163258_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T16005_C001 CS_OFFL_SIR_NOPM_2_20190218T160033_C001 CS_OFFL_SIR_NOPM_2_20190218T170018_C0010218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T170018_C0010218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T180007_20190218T180001 CS_OFFL_SIR_NOPM_2_20190218T180007_20190218T180001 CS_OFFL_SIR_NOPM_2_20190218T180007_20190218T180001 CC_OCAN Range Averaging Status CC_OCAN 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 O	CS_OFFL_SIR_NOPM_2_20190218T132044_20190218T134051_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T145400_C001 CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T145759_C001 CS_OFFL_SIR_NOPM_2_20190218T150501_20190218T145759_C001 CS_OFFL_SIR_NOPM_2_20190218T150501_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T165628_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T163258_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T171055_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T181812040_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T18181204_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T18181204_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T18181204_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T18181204_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T18181204_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T18181204_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T18181204_C001 CS_OFFL_SIR_NOPM_2_20190218T1804070_20190218T1804070 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 Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Stat	CS_OFFL_SIR_NOPM_2_20190218T141250_20190218T144642_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T153628_C001 CS_OFFL_SIR_NOPM_2_20190218T150501_20190218T153628_C001 CS_OFFL_SIR_NOPM_2_20190218T155628_20190218T163037_C001 CS_OFFL_SIR_NOPM_2_20190218T165628_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T160933_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T162655_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T1654311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165655_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165655_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165655_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T16077_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182164_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182164_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182164_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182164_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182164_C001 CC_OCAN 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_20190218T182043_20190218T182164_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 F	CS_OFFL_SIR_NOPM_2_20190218T144917_20190218T145400_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T155628_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T165628_20190218T160337_C001 CS_OFFL_SIR_NOPM_2_20190218T160333_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T16258_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T163258_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T18209_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T18209_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T183741_2	CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T145759_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T160337_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T163258_C001 CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T171055_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T1820618_20190218T183318_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 Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging	CS_OFFL_SIR_NOPM_2_20190218T150501_20190218T153628_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T162033_20190218T162605_C001 CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T163258_C001 CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T171055_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCEAN Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been s	CS_OFFL_SIR_NOPM_2_20190218T155628_20190218T160337_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T163258_C001 CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_C001 CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T171055_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T18274	CS OFFL SIR NOPM 2 20190218T160933 20190218T162605 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T164311_20190218T165638_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.		Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_C001 CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183318_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T182741_20190218T183200_C001 CCS_OFFL_SIR_NOPM_2_20190218T1			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T173816_20190218T174838_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
CS_OFFL_SIR_NOPM_2_20190218T175018_20190218T180514_C001 CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_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
CS_OFFL_SIR_NOPM_2_20190218T180707_20190218T181209_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20190218T183741_20190218T183318_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_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.			
CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T183318_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more CS_OFFL_SIR_NOPM_2_20190218T182618_20190218T184230_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more			records.
CS_OFFL_SIR_NOPM_2_201902181182618_201902181183318_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more			records.
US OFFI SIK NOPM 2 201902181183741 201902181184230 CUU1 — IOCEAN RANGE AVERAGING STATUS			records.
	CS_OFFL_SIK_NOPM_2_201902181183741_20190218T184230_C001	Ocean Kange Averaging Status	

CS_OFFL_SIR_NOPM_2_20190218T192132_20190218T194424_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T194738_20190218T195125_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T195147_20190218T195427_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T195732_20190218T202523_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T205815_20190218T212351_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T212519_20190218T213039_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T213045_20190218T213412_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T213654_20190218T214841_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T225709_20190218T230339_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T230519_20190218T231316_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T231619_20190218T235019_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190218T095356_20190218T095550_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190218T194424_20190218T194737_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190218T195141_20190218T195146_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190218T005403_20190218T005443_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190218T214841_20190218T215419_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190218T000721_20190218T004117_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_20190218T005443_20190218T005623_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_20190218T011400_20190218T013329_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_20190218T013543_20190218T014048_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T014611_20190218T022008_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_20190218T024526_20190218T030823_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_20190218T031759_20190218T031952_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T032628_20190218T034414_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_20190218T034855_20190218T035708_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_20190218T041158_20190218T041433_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T041606_20190218T043306_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_20190218T043508_20190218T044935_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_20190218T045656_20190218T045903_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T045956_20190218T050405_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T050542_20190218T052119_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_20190218T052320_20190218T053241_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_20190218T055055_20190218T055145_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T060054_20190218T061207_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_20190218T061731_20190218T063212_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_20190218T064505_20190218T070135_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_20190218T074403_20190218T074725_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_20190218T074729_20190218T081114_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_20190218T081625_20190218T082138_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T082417_20190218T084934_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_20190218T092106_20190218T093248_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
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CS OFFL SIR NOPM 2 20190218T093827 20190218T094955 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190218T095550_20190218T100154_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190218T100321_20190218T103132_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_20190218T103948_20190218T104117_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20190218T105459_20190218T112905_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_20190218T113458_20190218T114025_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T114157_20190218T114817_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_20190218T121845_20190218T122134_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_20190218T123433_20190218T124259_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_20190218T124544_20190218T130839_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_20190218T131506_20190218T131915_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T132044_20190218T134051_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_20190218T141250_20190218T144642_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_20190218T144917_20190218T145400_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T145419_20190218T145759_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T150501_20190218T153628_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
CS_OFFL_SIR_NOPM_2_20190218T155628_20190218T160337_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_20190218T160933_20190218T162605_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T162741_20190218T163258_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190218T165852_20190218T171055_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_20190218T173816_20190218T174838_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_20190218T175018_20190218T180514_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_20190218T180707_20190218T181209_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T182043_20190218T182154_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_20190218T182618_20190218T183318_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_20190218T183741_20190218T184230_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_20190218T192132_20190218T194424_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_20190218T194738_20190218T195125_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T195147_20190218T195427_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190218T195732_20190218T202523_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190218T205815_20190218T212351_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 20190218T212519 20190218T213039 C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
		records.
CS_OFFL_SIR_NOPM_2_20190218T213045_20190218T213412_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190218T213654_20190218T214841_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T213654_20190218T214841_C001 CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001	SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.
	SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001	SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001 CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001	SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001 CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001 CS_OFFL_SIR_NOPM_2_20190218T225709_20190218T230339_C001	SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have 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_20190218T215419_20190218T221035_C001 CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001 CS_OFFL_SIR_NOPM_2_20190218T225709_20190218T230339_C001 CS_OFFL_SIR_NOPM_2_20190218T230519_20190218T231316_C001	SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status SWH Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001 CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001 CS_OFFL_SIR_NOPM_2_20190218T225709_20190218T230339_C001 CS_OFFL_SIR_NOPM_2_20190218T230519_20190218T231316_C001 CS_OFFL_SIR_NOPM_2_20190218T231619_20190218T235019_C001	SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001 CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001 CS_OFFL_SIR_NOPM_2_20190218T225709_20190218T230339_C001 CS_OFFL_SIR_NOPM_2_20190218T230519_20190218T231316_C001 CS_OFFL_SIR_NOPM_2_20190218T231619_20190218T235019_C001 CS_OFFL_SIR_NOPM_2_20190218T095356_20190218T095550_C001	SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status Ice Backscatter Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or 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 records. The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001 CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001 CS_OFFL_SIR_NOPM_2_20190218T225709_20190218T230339_C001 CS_OFFL_SIR_NOPM_2_20190218T230519_20190218T231316_C001 CS_OFFL_SIR_NOPM_2_20190218T231619_20190218T235019_C001 CS_OFFL_SIR_NOPM_2_20190218T095356_20190218T095550_C001 CS_OFFL_SIR_NOPN_2_20190218T194424_20190218T194737_C001	SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or 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 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 records. The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190218T215419_20190218T221035_C001 CS_OFFL_SIR_NOPM_2_20190218T224015_20190218T225326_C001 CS_OFFL_SIR_NOPM_2_20190218T225709_20190218T230339_C001 CS_OFFL_SIR_NOPM_2_20190218T230519_20190218T231316_C001 CS_OFFL_SIR_NOPM_2_20190218T231619_20190218T235019_C001 CS_OFFL_SIR_NOPM_2_20190218T095356_20190218T095550_C001 CS_OFFL_SIR_NOPN_2_20190218T194424_20190218T194737_C001 CS_OFFL_SIR_NOPN_2_20190218T195141_20190218T195146_C001	SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status	records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or 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 records. The Ice Backscatter Averaging Status Flag has 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.