







1. Overview

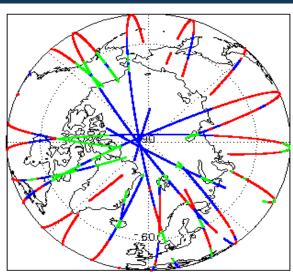
Report Production:	04-Feb-2019	
Processor Used:	CryoSat Ocean Processor	
	Near Real Time Ocean Products (NOP)	
Data Used:	L1B & L2 Science Data	

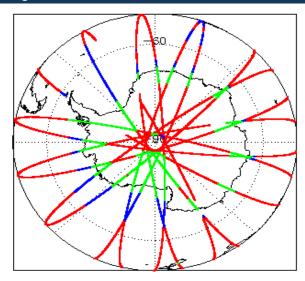
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Sections 4.2 and 5.2
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
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

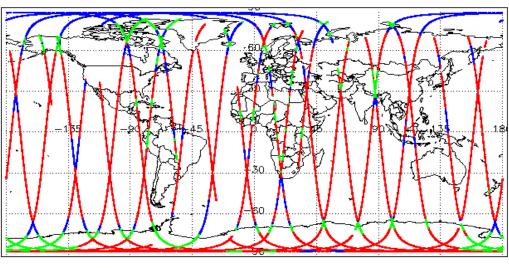
Mission / Instrument News		
02-Feb-2019	None	
00 5 1 0040		

03-Feb-2019 None 04-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.

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

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:

8

Product	Test Failed	Description
CS_OFFL_SIR_NOPN1B_20190203T003234_20190203T003442_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190203T092904_20190203T093121_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190203T100911_20190203T100959_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190203T133934_20190203T134008_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190203T182241_20190203T182514_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190203T034008_20190203T034410_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190203T041616_20190203T042315_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190203T073937_20190203T074041_C001	Loss of Echo	The tracking echo is missing for one or more records

5. NOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

0

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

0

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:

75

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190202T233642_20190203T001037_C001	IC)cean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T002332_20190203T002525_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T005446_20190203T005725_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T005925_20190203T010219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T010417_20190203T010939_C001	lice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T011526_20190203T013750_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T014036_20190203T014955_C001	IUcean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

		The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T020215_20190203T020555_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T022152_20190203T022640_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190203T022828_20190203T024144_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T024420_20190203T024838_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T025454_20190203T030050_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T030059_20190203T032653_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T034639_20190203T041616_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T043418_20190203T045046_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T045050_20190203T045208_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T045649_20190203T050356_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T052518_20190203T054048_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T054707_20190203T055807_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T060438_20190203T060657_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T060733_20190203T061154_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T061336_20190203T062836_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T063154_20190203T064521_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T070823_20190203T071416_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T071539_20190203T071852_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190203T072354 20190203T073937 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T074227_20190203T075101_C001		records. The Ice Range Averaging Status Flag has been set for one or more
	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T075317_20190203T081605_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T085349_20190203T091903_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T092137_20190203T092328_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T093143_20190203T095746_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190203T103049_20190203T104044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T104621_20190203T105658_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T110342_20190203T110937_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T111112_20190203T113308_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T113314_20190203T113907_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T120215_20190203T123646_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T124249_20190203T124808_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T125006_20190203T125248_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T125446_20190203T125629_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T132545_20190203T132809_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T132922_20190203T132955_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T134217_20190203T135052_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T135338_20190203T141548_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T142135_20190203T142251_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T142258_20190203T142705_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T142908_20190203T144212_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T144400_20190203T145013_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190203T145152 20190203T145635 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T152139_20190203T155446_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190203T155638 20190203T160149 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T160155_20190203T160202_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
		records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T160209_20190203T160503_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T161250_20190203T164329_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T180646_20190203T181754_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T184445_20190203T185310_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T185350_20190203T185632_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T185812_20190203T191244_C001	Ocean Range Averaging Status	records.

	i e e e e e e e e e e e e e e e e e e e
Ice Range Averaging Status	The Ice 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 records.
Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
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.
Ocean 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.
Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
Ocean 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.
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.
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.
	ce Range Averaging Status Cean Range Averaging Status

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190202T233642_20190203T001037_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_20190203T002332_20190203T002525_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_20190203T005446_20190203T005725_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_20190203T005925_20190203T010219_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_20190203T010417_20190203T010939_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T011526_20190203T013750_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_20190203T014036_20190203T014955_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_20190203T020215_20190203T020555_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_20190203T022828_20190203T024144_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_20190203T024420_20190203T024838_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T025454_20190203T030050_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_20190203T030059_20190203T032653_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_20190203T034639_20190203T041616_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_20190203T043054_20190203T043211_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T043418_20190203T045046_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_20190203T045050_20190203T045208_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_20190203T045649_20190203T050356_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_20190203T052518_20190203T054048_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_20190203T054707_20190203T055807_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_20190203T060438_20190203T060657_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T060733_20190203T061154_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190203T061336_20190203T062836_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_20190203T063154_20190203T064521_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_20190203T070823_20190203T071416_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_20190203T071539_20190203T071852_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_20190203T072354_20190203T073937_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

Col.			The Ice Rackscatter Averaging Status Flag has been set for one or recent
CONT. SET MORP 2. 2018/2007/1904 201	CS_OFFL_SIR_NOPM_2_20190203T074227_20190203T075101_C001		
Section Amongs (State) Co. (CHL. SEX.NOM. 2_DIRECTISED (STATE, JOHN COLD STATE OF A COLD STAT	CS_OFFL_SIR_NOPM_2_20190203T075317_20190203T081605_C001	Backscatter Averaging Status	more records.
COUNT, SITE, NORMA, 2, 20000007110040, COST COUNT, SITE, NORMA, 2, 2000007110040, COST COUNT, SITE, NORMA, 2, 20000007110040, COST COUNT, SITE, NORMA, 2, 2000007110040, COST COUNT, SITE, NORMA, 2, 20000007110040, COST COUNT, SITE, NORMA, 2, 20000007110040, COST COUNT, SITE, NORMA, 2	CS_OFFL_SIR_NOPM_2_20190203T085349_20190203T091903_C001		
COPPLIAR NORM 2 2010000011042 (1000001110401 C01) COPPLIAR NORM 2 2010000111042 (1000001110401 C01) COPPLIAR NORM 2 2010000111042 (1000001110401 C01) COPPLIAR NORM 2 2010000111042 (1000001110401 C01) COPPLIAR NORM 2 2010000111043 (1000001110401 C01) COPPLIAR NORM 2 2010000111043 (1000001110401 C01) COPPLIAR NORM 2 2010000111043 (1000001110401 C01) COPPLIAR NORM 2 2010000111040 (100000110400 C01) COPPLIAR NORM 2 2010000011040 (100000110400 C01) COPPLIAR NORM 2 2010000011040 (100000110400 C01) COPPLIAR NORM 2 2010000011040 (10000010400001040000000000	CS_OFFL_SIR_NOPM_2_20190203T092137_20190203T092328_C001	Ice Backscatter Averaging Status	
CO. OFF. JR. NOPM. 2. DIRECTOR TOOKS. 2019020T TOOKS. CO. OFF. JR. NOPM. 2. DIRECTOR TOOKS. 2019020T TOOKS. CO. OFF. JR. NOPM. 2. DIRECTOR TOOKS. 2019020T TOOKS. CO. OFF. JR. NOPM. 2. DIRECTOR TOOKS. CO. OFF. JR NOPM. 2. DIREC	CS_OFFL_SIR_NOPM_2_20190203T093143_20190203T095746_C001		
Co. OFF. SR. NOM. 2. 20100001113012.20190001113010.001 Co. OFF. SR. NOM. 2. 201000001113012.20190001113010.001 Co. OFF. SR. NOM. 2. 20100001113012.20190001113010.001 Co. OFF. SR. NOM. 2. 20100000113010.2019000113010.001 Co. OFF. SR. NOM. 2. 20100000113010.2019000113000.001 Co. OFF. SR. NOM. 2. 20100000113010.20190000113000.001 Co. OFF. SR. NOM. 2. 20100000113010.20190000113000.001 Co. OFF. SR. NOM. 2. 20100000113000.001 Co. OFF. SR. N	CS_OFFL_SIR_NOPM_2_20190203T103049_20190203T104044_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CB_CPFFL_BIR_NOPFL_2_00000000111000_c000001110000_c0000 CB_CPFFL_BIR_NOPFL_2_00000001110000_c00000110000_c0000 CB_CPFFL_BIR_NOPFL_2_00000001110000_c000000000000000000000	CS OFFL SIR NOPM 2 20190203T104621 20190203T105658 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CO. OFT., SR. NOPW. 2. 201920031119102 - 20192003119200 - C010 -			The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SR_NOPW_2_20160000711361_0.00100000000000000000000000000000000			
Society Sin North 2, 201000031110019, 20100007110019, 20100007110019, 20100007110019, 20100007110019, 20100007110019, 20100007110019, 20100007110019, 20100007110019, 20100007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 2010007110000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 201000710000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 20100000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 201000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 2010000, 201000, 2010000, 201000, 2010000, 2010000, 2010000, 2010000, 201000, 2010000, 2010000, 2010000, 2010000, 201000, 2010000, 201000, 2010000, 201000, 201000, 2010000, 201000, 20			
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Society Str. No. Phys. J. 20100207112544, 20100207112549. 201002071125549.	CS_OFFL_SIR_NOPM_2_20190203T114832_20190203T114931_C001	Backscatter Averaging Status	more records.
SCOPPL_SIR_NOPML_2.010020113024_20102001130255_C010 SVM Averaging Siblar, Oxen SVM Averaging Siblar,	CS_OFFL_SIR_NOPM_2_20190203T120215_20190203T123646_C001		more records.
Bobscottic Averaging Status OFFL, SIR, NOPM 2, 201902205113022, 2919020051120265 (2001) Sockettic Averaging Status The Sock averaging Status Flags have been set for one or more codes. Sockettic Averaging Status Sockettic Averaging Status Sockettic Averaging Status The Sock averaging Status Flags have been set for one or more codes. Sockettic Averaging Status The Sock adveraging Status Flags have been set for one or more codes. Sockettic Averaging Status Sockettic	CS_OFFL_SIR_NOPM_2_20190203T124249_20190203T124808_C001	* *	records.
Section of the Control of Section (1999). Coll of Sect	CS_OFFL_SIR_NOPM_2_20190203T125446_20190203T125629_C001		more records.
Backscaller Averaging Status Special NOPM 2_20190003T142012_00190003T130509_C001 Special NOPM 2_20190003T142015_00190003T14255_0010 CS_OFF_SIR_NOPM 2_20190003T14215_00190003T14255_0010 CS_OFF_SIR_NOPM 2_20190003T14215_00190003T14205_0010 CS_OFF_SIR_NOPM 2_20190003T14215_00190003T14205_0010 CS_OFF_SIR_NOPM 2_20190003T14205_00190003T14205_0010 CS_OFF_SIR_NOPM 2_20190003T14205_00190003T14205_0010 CS_OFF_SIR_NOPM 2_20190003T14205_00190003T14205_0010 CS_OFF_SIR_NOPM 2_20190003T14205_00190003T14205_0010 CS_OFF_SIR_NOPM 2_20190003T16205_00190003T14205_0010 CS_OFF_SIR_NOPM 2_20190003T16205_00190003T16005_0010 CS_OFF_SIR_NOPM 2_20190003T16005_0010000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190203T132545_20190203T132809_C001	Backscatter Averaging Status	
Backszeller Averaging Status G. OFFL, Sir, NOPM 2, 20190203114215, 20190203114225, 20190203116203, 2019020311	CS_OFFL_SIR_NOPM_2_20190203T132922_20190203T132955_C001		
SOFFL_SIR_NOPM_2_20190203T14235_20190203T14235_20100 SoFFL_SIR_NOPM_2_20190203T14235_20190203T14235_20100 SoFFL_SIR_NOPM_2_20190203T14235_20190203T14235_20100 SoFFL_SIR_NOPM_2_20190203T14235_20190203T14235_20100 SoFFL_SIR_NOPM_2_20190203T14235_20190203T14235_20100 SoFFL_SIR_NOPM_2_20190203T14235_20190203T16401_2010 SoFFL_SIR_NOPM_2_20190203T16235_20190203T16400_20100 SoFFL_SIR_NOPM_2_20190203T16235_20190203T16400_20100 SoFFL_SIR_NOPM_2_20190203T16235_20190203T16400_2010 SoFFL_SIR_NOPM_2_20190203T16235_20190203T16500_2010 SoFFL_SIR_NOPM_2_20190203T16500_20190203T16500_2010 SoFFL_SIR_NOPM_2_20190203	CS_OFFL_SIR_NOPM_2_20190203T134217_20190203T135052_C001	SWH Averaging Status, Ocean	
CS_OFFL_SIR_NOPM_2_20190203T14258_20190203T14251_C001 CS_OFFL_SIR_NOPM_2_20190203T14258_20190203T14275_C001 CS_OFFL_SIR_NOPM_2_20190203T14258_20190203T14275_C001 CS_OFFL_SIR_NOPM_2_20190203T14258_20190203T14275_C001 CS_OFFL_SIR_NOPM_2_20190203T14258_20190203T14254_C001 CS_OFFL_SIR_NOPM_2_20190203T14258_20190203T165448_C001 CS_OFFL_SIR_NOPM_2_20190203T165538_20190203T165440_C001 CS_OFFL_SIR_NOPM_2_20190203T165538_20190203T165440_C001 CS_OFFL_SIR_NOPM_2_20190203T165538_20190203T165440_C001 CS_OFFL_SIR_NOPM_2_20190203T165538_20190203T165440_C001 CS_OFFL_SIR_NOPM_2_20190203T165538_20190203T165440_C001 CS_OFFL_SIR_NOPM_2_20190203T165538_20190203T165440_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010033_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165405_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035T16955_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035T169540_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035T169540_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035T169540_C001 CS_OFFL_SIR_NOPM_2_20190203T165406_C0010035T169540_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T169540_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T126950_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T126950_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T126950_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T126950_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T126950_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T126950_C001 CS_OFFL_SIR_NOPM_2_20190203T169506_20190203T126950_C001 CS_OF	CS_OFFL_SIR_NOPM_2_20190203T135338_20190203T141548_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_201902037142296_201902037142705_C001 CS_OFFL_SIR_NOPM_2_201902037142900_201902037142705_C001 CS_OFFL_SIR_NOPM_2_201902037142900_201902037142705_C001 CS_OFFL_SIR_NOPM_2_201902037142900_201902037142900_C001 CS_OFFL_SIR_NOPM_2_201902037142900_201902037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_201902037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_201902037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_201902037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_201902037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_201902037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0010037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0010037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0010037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0010037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160040_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C0190037160030_C001 CS_OFFL_SIR_NOPM_2_201902037160030_C01900037120040_C001 CS_OFFL_SIR_NOPM_2_201902037120040_C001 CS_OFFL_SIR_NOPM_2_201902037120040_C001 CS_OFFL_SIR_NOPM_2_201902037120040_C001 CS_OFFL_SIR_NOPM_2_201902037120030_C001900037120040_C001 CS_OFFL_SIR_NOPM_2_201902037120030_C001900037120040_C001 CS_OFFL_SIR_NOPM_2_201902037120030_C001900037120040_C001 CS_OFFL_SIR_NOPM_2_201902037120030_C001900037120040_C001	CS_OFFL_SIR_NOPM_2_20190203T142135_20190203T142251_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SMH Averaging Status. Cean Seckstater Averaging Status. Plags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. The SWH and Cosen Averaging Status Flags have been set for one or more records. SWH Averaging Status. Cosen SWH Averaging Status. Cosen SWH Averaging Status. Cosen SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Cosen SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags have been set for one or more records. SWH Averaging Status Flags	CS OFFL SIR NOPM 2 20190203T142258 20190203T142705 C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190203T162139_20190203T165046_C001 CS_OFFL_SIR_NOPM_2_20190203T162139_20190203T165046_C001 CS_OFFL_SIR_NOPM_2_20190203T162052_0190203T160020_C001 CS_OFFL_SIR_NOPM_2_20190203T160205_0190203T160030_C001 CS_OFFL_SIR_NOPM_2_20190203T160205_0190203T160030_C001 CS_OFFL_SIR_NOPM_2_20190203T160205_0190203T160030_C001 CS_OFFL_SIR_NOPM_2_20190203T160205_0190203T160030_C001 CS_OFFL_SIR_NOPM_2_20190203T160205_0190203T160030_C001 CS_OFFL_SIR_NOPM_2_20190203T160205_0190203T160030_C001 CS_OFFL_SIR_NOPM_2_20190203T160030_0116050_C001 CS_OFFL_SIR_NOPM_2_20190203T160030_0116003T16000_C001 CS_OFFL_SIR_NOPM_2_20190203T160003T160000_C001 CS_OFFL_SIR_NOPM_2_20190203T1600003T16000000000000000000000000000		SWH Averaging Status, Ocean	
Backscatter Averaging Status Sign NOPM 2 201902037115939 201902037116940 CO01 SC OFFL SIR NOPM 2 201902037150539 20190203716040 CO01 CS OFFL SIR NOPM 2 201902037160156 201902037160500 CO01 CS OFFL SIR NOPM 2 201902037160156 201902037160500 CO01 CS OFFL SIR NOPM 2 201902037160156 201902037160500 CO01 CS OFFL SIR NOPM 2 20190203716020 201902037160430 CO01 CS OFFL SIR NOPM 2 201902037160150 201902037160430 CO01 CS OFFL SIR NOPM 2 20190203716060 CO01 CS OFFL SIR NOPM 2 20190203716050 CO01 CS OFFL SIR NOPM 2 20190203719000 CO01 CS OFFL SIR NOPM 2 20190203712050 CO01 CS OFFL SIR NOPM 2 20190203722050 CO01 CS OFFL SIR NOPM 2 2019020372050 CO01 CS OFFL SIR NOPM 2 20190203720			
Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190203T160598_20190203T160020_C001 bo Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190203T160598_20190203T160502_C001 bo Backscatter Averaging Status SHH Averaging Status CS_OFFL_SIR_NOPM_2_20190203T160502_0190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160502_0190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160502_0190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160502_0190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160502_0190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160502_0190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160502_0190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160502_C001 CS_OFFL_SIR_NOPM_2_20190203T160503_20190203T120502_C001 CS_OFFL_SIR_NOPM_2_20190203T1205030_C0016 CS_OFFL_SIR_NOPM_2_20190203T1205030_C0016 CS_OFFL_SIR_NOPM_2_20190203T1205030_C0016 CS_OFFL_SIR_NOPM_2_20190203T1205030_C0016 CS_OFFL_SIR_NOPM_2_20190203T1205030_C0016 CS_OFFL_SIR_NOPM_2_20190203T1205030_C0016 CS_OFFL_SIR_NOPM_2_20190203T1205030_C0016			more records.
SOFFL_SIR_NOPM_2_20190203716020_01002037160020_C001 SOFFL_SIR_NOPM_2_20190203716020_0100203716050_0100003716020_C001 SOFFL_SIR_NOPM_2_20190203716020_0100203716050_0100003716020_C001 SOFFL_SIR_NOPM_2_20190203716020_0100203716050_010003716020_C001 SOFFL_SIR_NOPM_2_20190203716020_0100203716050_010003716050_C001 SOFFL_SIR_NOPM_2_20190203716000_0100203716050_C001 SOFFL_SIR_NOPM_2_20190203718046_20190203716050_C001 SOFFL_SIR_NOPM_2_20190203718046_20190203716050_C001 SOFFL_SIR_NOPM_2_20190203718050_C001 SOFFL_SIR_NOPM_2_20190203718050_C001 SOFFL_SIR_NOPM_2_20190203716000_010003716050_C001 SOFFL_SIR_NOPM_2_2019020371902027100003719000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190203T152139_20190203T155446_C001		more records.
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LG_OFF_SIR_NOPM_2_20190203T161250_20190203T164329_C001 SMM_Avaraging Status Feorods. SMM_Avaraging Status Feorods. SMM_Avaraging Status Feorods. SMM_Avaraging Status Feorods. SMM_Avaraging Status SMM_Avaraging Status SMM_Avaraging Status Feorods. SMM_Avaraging Status Feorods. Feorods. Feorods. Feorods. Feorods. SMM_Avaraging Status Feorods. Feorods. Feorods. Feorods. Feorods. Feorods. Feorods. Feorods. SMM_Avaraging Status Feorods. SMM_Avaraging Status Feorods. Feorods. Feorods. Feorods. Feorods. SMM_Avaraging Status Feorods. Feorod	CS_OFFL_SIR_NOPM_2_20190203T160155_20190203T160202_C001	Ice Backscatter Averaging Status	records.
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the backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190203T210528_20190203T213430_C001 CS_OFFL_SIR_NOPM_2_20190203T220514_20190203T223142_C001 CS_OFFL_SIR_NOPM_2_20190203T220514_20190203T223142_C001 CS_OFFL_SIR_NOPM_2_20190203T223322_20190203T223828_C001 CS_OFFL_SIR_NOPM_2_20190203T224552_20190203T225635_C001 CS_OFFL_SIR_NOPM_2_20190203T224552_20190203T225635_C001 CS_OFFL_SIR_NOPM_2_20190203T230213_20190203T225635_C001 CS_OFFL_SIR_NOPM_2_20190203T230213_20190203T231930_C001 CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T20313_00101414_C001 CS_OFFL_SIR_NOPN_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPN_2_20190203T205930_20190203T205936_C001 CS_OFFL_SIR_NOPN_2_20190203T20317204145_20190203T203936_C001 CS_OFFL_SIR_NOPN_2_20190203T20317204145_20190203T20333_C001 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 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 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 Fla			records.
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Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190203T223322_20190203T223828_C001 CS_OFFL_SIR_NOPM_2_20190203T224552_20190203T225635_C001 CS_OFFL_SIR_NOPM_2_20190203T224552_20190203T231930_C001 CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T205930_20190203T205936_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001413_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001413_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001413_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001413_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001423_C001 CS_OFFL_SIR_NOPM_2_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001414_C001 CS_	CS_OFFL_SIR_NOPM_2_20190203T210528_20190203T213430_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20190203T223522_20190203T225635_C001 CS_OFFL_SIR_NOPM_2_20190203T230213_20190203T231930_C001 CS_OFFL_SIR_NOPM_2_20190203T230213_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T205930_20190203T205936_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPM_2_20190203T001241_20190203T001413_C001 CS_OFFL_SIR_NOPM_2_20190203T0012415_20190203T0014233_C001	CS_OFFL_SIR_NOPM_2_20190203T220514_20190203T223142_C001		more records.
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Backscatter Averaging Status CS_OFFL_SIR_NOPN_2_20190203T001241_20190203T001414_C001 CS_OFFL_SIR_NOPN_2_20190203T205930_20190203T205936_C001 CS_OFFL_SIR_NOPN_2_20190203T205930_20190203T205936_C001 CS_OFFL_SIR_NOPN_2_20190203T205930_20190203T205936_C001 CS_OFFL_SIR_NOPN_2_20190203T205930_20190203T205936_C001 CS_OFFL_SIR_NOPR_2_20190203T205930_20190203T205936_C001 SWH Averaging Status SWH Averaging Status, Ocean SWH Averaging Status, Ocean The CS_OFFL_SIR_NOPR_2_20190203T2054145_20190203T2054233_C001	CS_OFFL_SIR_NOPM_2_20190203T230213_20190203T231930_C001		
CS_OFFL_SIR_NOPN_2_20190203T001241_20190203T001414_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_NOPN_2_20190203T205930_20190203T205936_C001 Ice Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. Ice Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flag has been set for one or more records. SWH Averaging Status, Ocean The SWH and Ocean 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. SWH Averaging Status, Ocean The SWH and Ocean 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. SWH Averaging Status, Ocean	CS_OFFL_SIR_NOPM_2_20190203T234223_20190203T235218_C001		
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Santasans, Maraging Status	CS_OFFL_SIR_NOPR_2_20190203T024145_20190203T024233_C001		The SWH and Ocean Averaging Status Flags have been set for one or

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:

59