







1. Overview

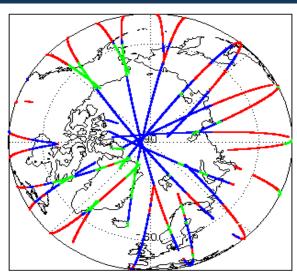
Report Production:	24-Apr-2019		
Processor Used:	CryoSat Ocean Processor		
Data Used:	Near Real Time Ocean Products (NOP)		

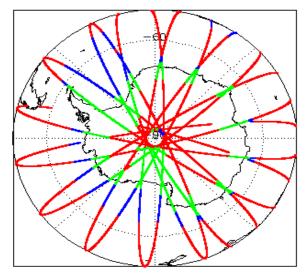
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 5.2
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement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

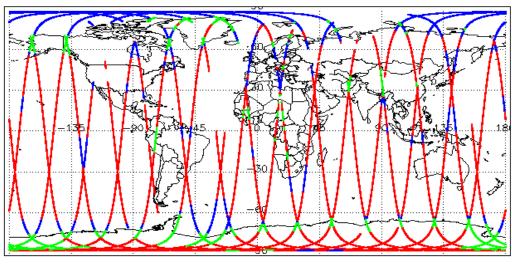
Mission / Instrument News		
20-Apr-2019	None	
04 4 0040		

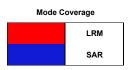
21-Apr-2019 None 22-Apr-2019 Nothing planned

2. Global Coverage









3. Instrument Configuration

The SIRAL instrument configuration for the day of acquisition is provided below.

SIRAL instrument(s) in use: SIRAL - A

4. NOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

0

4.2 L1B Product Header Analysis

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

4.3 L1B Auxilary Data File Usage Check

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

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

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:

11

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190421T030521_20190421T031313_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190421T043921_20190421T043935_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190421T045243_20190421T051619_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20190421T160023_20190421T160033_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190421T025928_20190421T030135_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190421T030418_20190421T030521_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190421T060523_20190421T060720_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190421T073904_20190421T073926_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190421T092011_20190421T092224_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190421T092715_20190421T093544_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190421T224940_20190421T225705_C001	Loss of Echo	The tracking echo is missing for one or more records

5. NOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

0

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

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: 7

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190420T235036_20190421T001338_C001		The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T003205_20190421T004926_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_20190421T005408_20190421T010236_C001	IOcean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T011711_20190421T012004_C001	lice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T012211_20190421T013811_C001		The Ocean Range Averaging Status Flag has been set for one or more records.

CS OFFI SID NORM 2 20400424T044025 20400424T045505 C004	Ocean Bango Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T014025_20190421T015506_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T020205_20190421T020416_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T020502_20190421T020918_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T021103_20190421T022627_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190421T022829_20190421T023751_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T030521_20190421T031313_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T031318_20190421T031724_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T032224_20190421T033704_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T033958_20190421T034820_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T035041_20190421T040745_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T040841_20190421T041250_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T044928_20190421T045240_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T045243_20190421T051619_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T052142_20190421T052639_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T052936_20190421T055514_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T062811_20190421T063806_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T064343_20190421T065458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T070103_20190421T070702_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T070832_20190421T073727_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T074459_20190421T074643_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T075959_20190421T083357_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T084710_20190421T085328_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190421T092335 20190421T092715 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T093936_20190421T094815_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190421T095100 20190421T101320 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190421T102019 20190421T102426 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T102624_20190421T103931_C001 CS_OFFL_SIR_NOPM_2_20190421T104118_20190421T104716_C001	0 0 0	records. The Ocean Range Averaging Status Flag has been set for one or more
	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T111814_20190421T115137_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T115414_20190421T115911_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T115917_20190421T115924_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T115932_20190421T120250_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T120641_20190421T120721_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T121011_20190421T122400_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190421T123608_20190421T124121_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190421T130123_20190421T130855_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T131434_20190421T133109_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T133259_20190421T133809_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T134804_20190421T140151_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T140405_20190421T141557_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T144337_20190421T145355_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T145535_20190421T151001_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T151220_20190421T151720_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T151727_20190421T151739_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T152555_20190421T152728_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T152945_20190421T153947_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T154228_20190421T154743_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T162634_20190421T164929_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T165255_20190421T165637_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T165658_20190421T165956_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T170252_20190421T172937_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
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CS_OFFL_SIR_NOPM_2_20190421T180310_20190421T182900_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T183037_20190421T183551_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T183557_20190421T183924_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T184241_20190421T185353_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T185931_20190421T191615_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T195112_20190421T195728_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T200228_20190421T200853_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T201037_20190421T201624_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T202148_20190421T205539_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T210910_20190421T211008_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T213129_20190421T214805_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T215005_20190421T215517_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T220115_20190421T222330_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T222615_20190421T223544_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T224719_20190421T224845_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T230611_20190421T232625_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T234115_20190422T001220_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T003131_20190421T003205_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T074643_20190421T074824_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T200853_20190421T200912_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T215819_20190421T220115_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_20190420T235036_20190421T001338_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_20190421T003205_20190421T004926_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_20190421T005408_20190421T010236_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_20190421T011711_20190421T012004_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T012211_20190421T013811_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_20190421T014025_20190421T015506_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_20190421T020205_20190421T020416_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T020502_20190421T020918_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T021103_20190421T022627_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_20190421T022829_20190421T023751_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_20190421T030521_20190421T031313_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_20190421T032224_20190421T033704_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_20190421T033958_20190421T034820_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T035041_20190421T040745_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_20190421T040841_20190421T041250_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_20190421T044928_20190421T045240_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_20190421T045243_20190421T051619_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_20190421T051857_20190421T052055_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T052142_20190421T052639_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190421T052936_20190421T055514_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_20190421T062811_20190421T063806_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_20190421T064343_20190421T065458_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

Section 1. Company (International Conference on the Company of State Company (International Conference on the Company of State Company of Stat			
Residential Assembly State (C), CHE, SPE, COPPAD, 2019041719988 201904119995 (2019) (C), CHE, SPE, COPPAD, 2019041719998 2019041719995 (2019) (C), CHE, SPE, COPPAD, 2019041719998 2019041719997 (2019) (C), CHE, SPE, COPPAD, 2019041719998 2019041719997 (2019) (C), CHE, SPE, COPPAD, 2019041719998 2019041719997 (2019) (C), CHE, SPE, COPPAD, 2019041719997 (2019) (C), CHE, SP	CS_OFFL_SIR_NOPM_2_20190421T070103_20190421T070702_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
Dec. OFF. BRILLOMA. 2 (RINGED TOWNS 2019047) (1902) (1902) Co. OFF. BRILLOMA 2019047) (1902)	CS_OFFL_SIR_NOPM_2_20190421T070832_20190421T073727_C001		
Comparison Com	CS_OFFL_SIR_NOPM_2_20190421T074459_20190421T074643_C001		
SOUTH SIN NOME 2 20109421100801 (20109421100803) COOL OFFER BIN NOME 2 20109421100803 (20109421100803) COOL OFFER BIN NOME 2 201094211100803 (201094211100803) COOL OFFER BIN NOME 2 20109421110093 (20109421110093) COOL OFFER BIN NOME 2 2010942	CS OFFL SIR NOPM 2 20190421T075959 20190421T083357 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
COLUMNIA_2-9910047110081_0000471100830_000047100830_000047108301_00004			more records. The Ice Backscatter Averaging Status Flag has been set for one or more
Some Call, Children Call (1997) and provided interests (1997) and the provided interest (1997) and			
Sec. OFF. Set. NORM. 2. 2019/24/11100120 2019/24/11100120 COD Sec. OFF. Set. NORM. 2. 2019/24/11100120 2019/24/1100120 COD Sec. OFF. Set. NORM. 2. 2019/24/110020	CS_OFFL_SIR_NOPM_2_20190421T084710_20190421T085328_C001	Backscatter Averaging Status	more records.
Section Principals Status Dec. Sect. No. No. 2, 2000417110002 (2010417110002) (2010417110002) Dec. Sect. No. No. 2, 2010417110002 (2010417110002) (2010417110002) Dec. Sect. No. No. 2, 20104171110002 (2010417110002) (2010417110002) Dec. Sect. No. No. 2, 20104171110002 (2010417110002) (2010417110002	CS_OFFL_SIR_NOPM_2_20190421T092335_20190421T092715_C001	Backscatter Averaging Status	more records.
So OFFL, SRY, NORMA 2, 20196421110929. 20199421110929. COID SO, OFFL, SRY, NORMA 2, 20196421110929. COID SO, OFFL, SRY, NORMA 2, 20196421110	CS_OFFL_SIR_NOPM_2_20190421T093936_20190421T094815_C001	0 0	
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SS_CPFL_SIN_NOMPL_20090471119312_003041119315_C001 SS_CPFL_SIN_NOMPL_2009047111931_201004111935_C001 SS_CPFL_SIN_NOMPL_2009047111931_201004111930_C001 SS_CPFL_SIN_NOMPL_2009047119301_10030_C001 SS_CPFL_SIN_NOMPL_2009047119301_10030_C001 SS_CPFL_SIN_NOMPL_2009047119301_10030_C001 SS_CPFL_SIN_NOMPL_2009047119301_10030_C001 SS_CPFL_SIN_NOMPL_2009047119301_10030_C001 SS_CPFL_SIN_NOMPL_2009047119300_200047113300_C001 SS_CPFL_SIN_NOMPL_2009047119300_200047113300_C001 SS_CPFL_SIN_NOMPL_2009047119300_200047113300_C001 SS_CPFL_SIN_NOMPL_2009047119300_200047113300_C001 SS_CPFL_SIN_NOMPL_2009047113300_20004713300_C001 SS_CPFL_SIN_NOMPL_2009047113300_20004713300_C001 SS_CPFL_SIN_NOMPL_2009047113300_C001	CS_OFFL_SIR_NOPM_2_20190421T102019_20190421T102426_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
OS OFFL SIR NOPM 2 20160421110419 20190421110517 C010 SIR NOPM 2 20160421110517 20190421110518 C010 SIR NOPM 2 20160421110518 20190421110517 C010 SIR NOPM 2 20160421110518 20190421110518 C010 SIR NOPM 2 2016042111052 20190421110518 C010 SIR NOPM 2 2016042	CS OFFL SIR NOPM 2 20190421T102624 20190421T103931 C001		The SWH and Ocean Averaging Status Flags have been set for one or
SOFF, SR NORM 2, 20100421111614 20109421111691 C001 SOFF, SR NORM 2, 20100421111691 20109421111691 C001 SOFF, SR NORM 2, 20100421111691 20109421111690 C001 SOFF, SR NORM 2, 20100421112019 2019421112090 C001 SOFF, SR NORM 2, 20100421112019 2019421112009 C001 SOFF, SR NORM 2, 20100421112019 2019421112009 C001 SOFF, SR NORM 2, 20100421113009 C001 SOFF, SR NORM 2, 20100421110009 C001 SOFF, SR NORM 2, 20100421110009 C001 SOFF, SR NORM 2, 2010042111	CS OFFL SIR NOPM 2 20190421T104118 20190421T104716 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOM_2_201804211118012_20190421112005_C011 CS_OFFL_SIR_NOM_2_201804211118022_20190421112005_C011 SWIN_Arranging Status. SWIN_Arranging S			
SOFFL, SR, NOPM 2_0010042111103012_00100421112000_C001 SOFFL, SR, NOPM 2_00100421112001_0010421112010_C001 SOFFL, SR, NOPM 2_00100421112001_0010421112010_C001 SOFFL, SR, NOPM 2_00100421112002_0010421112010_C001 SOFFL, SR, NOPM 2_00100421112002_0010421112010_C001 SOFFL, SR, NOPM 2_00100421112002_0010421112010_C001 SOFFL, SR, NOPM 2_00100421113002_0010421113010_C001 SOFFL, SR, NOPM 2_00100421113002_0010421113010_C001 SOFFL, SR, NOPM 2_00100421113002_0010421113010_C001 SOFFL, SR, NOPM 2_00100421113000_C001 SOFFL, SR, NOPM 2_00100421113004_0010421113000_C001 SOFFL, SR, NOPM 2_00100421113004_0010421113			
Se Sent Sur Process			
GS OFFL.SR. NOPM 2_01090421113025_01090421130595_COID SS OFFL.SR. NOPM 2_01090421130595_01090421130595_COID SS OFFL.SR. NOPM 2_01090421130595_01090421130595_COID SS OFFL.SR. NOPM 2_01090421130595_0109042113095_COID SS OFFL.SR. NOPM 2_01090421130595_0109042113096_COID SS OFFL.SR. NOPM 2_01090421130595_0109042113096_COID SS OFFL.SR. NOPM 2_0109042113059_0109042113096_COID SS OFFL.SR. NOPM 2_0109042113059_0109042113096_COID SS OFFL.SR. NOPM 2_0109042113059_COID SS OFFL.SR. NOPM 2_0109042114059_COID SS OFFL.SR. NOPM 2_01090421140595_COID SS OFFL.SR. NOPM 2_01090421140595_COID SS OFFL.SR. NOPM 2_01090421116059_COID SS OF			records.
Backscatter Averaging Status Flags have been set for one or more records. S. OFFL SIR NOPM 2, 201904217130389, 2010421713049, 2010 S. OFFL SIR NOPM 2, 201904217131349, 20104217131349, 2010 S. OFFL SIR NOPM 2, 201904217131349, 20104217131349, 2010 S. OFFL SIR NOPM 2, 201904217134349, 2010421713389, 2010 S. OFFL SIR NOPM 2, 201904217134349, 2010421713389, 2010 S. OFFL SIR NOPM 2, 20190421713490, 2010421713890, 2010 S. OFFL SIR NOPM 2, 20190421713490, 2010421714915, 2001 S. OFFL SIR NOPM 2, 20190421714490, 2010421714915, 2001 S. OFFL SIR NOPM 2, 20190421714490, 2010421714955, 2001 S. OFFL SIR NOPM 2, 20190421714904, 2010421714955, 2001 S. OFFL SIR NOPM 2, 20190421714905, 2010421714957, 2001 S. OFFL SIR NOPM 2, 20190421714905, 2010421714957, 2001 S. OFFL SIR NOPM 2, 20190421714957, 2010 S. OFFL SIR NOPM 2, 20190421714958, 2010421715770, 2010 S. OFFL SIR NOPM 2, 20190421715296, 2010421715770, 2010 S. OFFL SIR NOPM 2, 20190421715296, 2010421715770, 2010 S. OFFL SIR NOPM 2, 20190421715296, 2010421715797, 2010 S. OFFL SIR NOPM 2, 20190421715096, 2010421715097, 2010 S. OFFL SIR NOPM 2, 20190421715096, 2010421715097, 2010 S. OFFL SIR NOPM 2, 20190421715096, 2010421715097, 2010 S. OFFL SIR NOPM 2, 20190421715096, 2010421715096, 20104217	CS_OFFL_SIR_NOPM_2_20190421T115932_20190421T120250_C001	0 0	records.
Backscaller Averaging Status SC OFFL_SIR_NOPM_2 20190421T131335 20190421T131300_0001 SC OFFL_SIR_NOPM_2 20190421T134006_20190421T13100_0001 SC OFFL_SIR_NOPM_2 20190421T14006_20190421T14055 _0001 SC OFFL_SIR_NOPM_2 20190421T14006_20190421T14055 _0001 SC OFFL_SIR_NOPM_2 20190421T14055 _00190421T150001 SC OFFL_SIR_NOPM_2 20190421T14055 _00190421T150001 SC OFFL_SIR_NOPM_2 20190421T14055 _00190421T150001 SC OFFL_SIR_NOPM_2 20190421T14055 _00190421T150001 SC OFFL_SIR_NOPM_2 20190421T16005 _00190421T16000 _0019040001 SC OFFL_SIR_NOPM_2 20190421T16005 _00190421T16000 _001904000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190421T121011_20190421T122400_C001	Backscatter Averaging Status	more records.
South-Light Normal, 2 optioped21114349, 20190421113319 Cott South-Light Normal, 2 optioped2114349, 20190421113319 Cott South-Light Normal, 2 optioped2113439, 20190421114355 Cott Backcaster Averaging Status South-Averaging Status South-Averag	CS_OFFL_SIR_NOPM_2_20190421T123608_20190421T124121_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190421T13434_20190421T135300_C001 SSWH Averaging Status. Coan more records. SWH Averaging Status. Coan	CS_OFFL_SIR_NOPM_2_20190421T130123_20190421T130855_C001		
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CS_OFFL_SIR_NOPM_2_2019042T114949_2019042T114957_C001 SWH_Awarging Status. Coars more records. CS_OFFL_SIR_NOPM_2_2019042T114956_2019042T114957_C001 SWH_Awarging Status. Coars more records. CS_OFFL_SIR_NOPM_2_2019042T1149555_2019042T119572B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T1192555_2019042T11927B_C001 SWH_Awarging Status. Coars marked and coars a varying Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T1192555_2019042T11927B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T1192555_2019042T11927B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T119258_2019042T11927B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T119258_2019042T11927B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T11928B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T11928B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T11928B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T11928B_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T1198357_C019042T119889_C001 SWH_Awarging Status. Coars marked and coars a varying Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_2019042T1198357_C019042T119889_C001 SSWH_Awarging Status. Coars marked and co	CS_OFFL_SIR_NOPM_2_20190421T131434_20190421T133109_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SOFFL SIR NOPM 2 20190421T154004 20190421T15500 2010 SOFFL SIR NOPM 2 20190421T154055 20190421T15500 2010 SOFFL SIR NOPM 2 20190421T15202 20190421T15500 2010 SOFFL SIR NOPM 2 20190421T15202 20190421T15500 2010 SOFFL SIR NOPM 2 20190421T15202 20190421T15300 2010 SOFFL SIR NOPM 2 20190421T15202 20190421T15300 2010 SOFFL SIR NOPM 2 20190421T15202 20190421T15300 2010 SOFFL SIR NOPM 2 20190421T15205 20190421T15300 2010 SOFFL SIR NOPM 2 20190421T15205 20190421T15300 2010 SOFFL SIR NOPM 2 20190421T15205 20190421T15300 2010 SOFFL SIR NOPM 2 20190421T16205 20190421T16500 2010 SOFFL SIR NOPM 2 20190421T16205 20190421T16500 2010 SOFFL SIR NOPM 2 20190421T16050 20190421T15500 2010 SOFFL SIR NOPM 2 20190421T16051 20190421T16500 2010 SOFFL SIR NOPM 2 20190421T16051 20190421T16050 2010 SOFFL SIR NOPM 2 20190421T16050 20190421T16050 2010 SOFFL SIR NOPM 2 20190421T16050 20190421T16050 2010 SOFFL SIR NOPM 2 20190421T16050 20190421T20050 2010 SOFFL SIR NOPM 2	CS_OFFL_SIR_NOPM_2_20190421T133259_20190421T133809_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
SO FFL_SIR_NOPM_2_20190421T140505_20190421T14505C001 SO FFL_SIR_NOPM_2_20190421T145256_20190421T15010_2001 SO FFL_SIR_NOPM_2_20190421T152056_20190421T150278_2001 SO FFL_SIR_NOPM_2_20190421T152056_20190421T15039T_2001 SO FFL_SIR_NOPM_2_20190421T152056_20190421T15039T_2001 SO FFL_SIR_NOPM_2_20190421T162034_20190421T16309T_2001 SO FFL_SIR_NOPM_2_20190421T162034_20190421T16309T_2001 SO FFL_SIR_NOPM_2_20190421T162035_20190421T16309T_2001 SO FFL_SIR_NOPM_2_20190421T162035_20190421T16309T_2001 SO FFL_SIR_NOPM_2_20190421T162034_20190421T16309T_2001 SO FFL_SIR_NOPM_2_20190421T16309T_20190421T16309T_2001 SO FFL_SIR_NOPM_2_20190421T16309T_20190421T16309S_2001 SO FFL_SIR_NOPM_2_20190421T20018_20090421T2008S_2001 SO FFL_SIR_NOPM_2_20190421T20018_20		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO OFFL SIR NOPM 2 20190421T16255 20190421T18272 CO01 SO OFFL SIR NOPM 2 20190421T1520 20190421T18272 CO01 SO OFFL SIR NOPM 2 20190421T1520 20190421T18272 CO01 SO OFFL SIR NOPM 2 20190421T16255 20190421T18272 CO01 SO OFFL SIR NOPM 2 20190421T120127 CO01 SO OFFL SIR NOPM 2 2019		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
S. OFFL SIR, NOPM 2, 20190421T16255, 20190421T165372, CO01 CS. OFFL SIR, NOPM 2, 20190421T16220, 20190421T16290, CO01 CS. OFFL SIR, NOPM 2, 20190421T16234, 20190421T16290, CO01 CS. OFFL SIR, NOPM 2, 20190421T16234, 20190421T16473, CO01 CS. OFFL SIR, NOPM 2, 20190421T16234, 20190421T16492, CO01 CS. OFFL SIR, NOPM 2, 20190421T16255, 20190421T165357, CO01 CS. OFFL SIR, NOPM 2, 20190421T16255, 20190421T165357, CO01 CS. OFFL SIR, NOPM 2, 20190421T16535, 20190421T16590, CO01 CS. OFFL SIR, NOPM 2, 20190421T16503, 20190421T16590, CO01 CS. OFFL SIR, NOPM 2, 20190421T16503, CO01 CS. OFFL SIR, NOPM 2, 20190421T10503, CO010			
GS_OFFL_SIR_NOPM_2_20190421T151220_20190421T151720C001 Sackscatter Averaging Status The fole Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag have been set for one or more records. The SWH and Ocean Averaging Status Flag have been set for one or more records. The SWH and Ocean Averaging Status Flag 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 Ice Backscatter Averaging Status Flags has been set for one or more records. The SWH and Ocean Averaging Status Flags has been set for one or more records. The SWH and Ocean Averaging Status Flags has been set for one or more records. The Ice Backscatter Averaging Status Flags has been set for one or more records. The SWH and Ocean Averaging Status Flags has been set for one or more records. The SWH and Ocean Averaging Status Flags 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 Flags have been set for one or more records. The Ice Backscatter Av			
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Source So			records.
Backscatter Averaging Status more records. CS_OFFL_SIR_NOPM_2_20190421T154228_20190421T16473_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20190421T168284_20190421T16929_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. CS_OFFL_SIR_NOPM_2_20190421T165255_20190421T16937_C001 CS_OFFL_SIR_NOPM_2_20190421T170252_20190421T1702937_C001 CS_OFFL_SIR_NOPM_2_20190421T170252_20190421T1702937_C001 CS_OFFL_SIR_NOPM_2_20190421T180310_20190421T18090_C001 CS_OFFL_SIR_NOPM_2_20190421T180307_20190421T18090_C001 CS_OFFL_SIR_NOPM_2_20190421T180307_20190421T180307_C001 CS_OFFL_SIR_NOPM_2_20190421T180307_20190421T180303_C001 CS_OFFL_SIR_NOPM_2_20190421T180307_20190421T180303_C001 CS_OFFL_SIR_NOPM_2_20190421T180307_20190421T180303_C001 CS_OFFL_SIR_NOPM_2_20190421T180303_C001 CS_OFFL_SIR_NOPM_2_20190421T180303_C001 CS_OFFL_SIR_NOPM_2_20190421T180303_C001 CS_OFFL_SIR_NOPM_2_20190421T180112_0190421T180530_C001 CS_OFFL_SIR_NOPM_2_20190421T200228_20190421T10615_C001 CS_OFFL_SIR_NOPM_2_20190421T200228_20190421T20083_C001 CS_OFFL_SIR_NOPM_2_20190421T20033_C0190421T201826_C001 CS_OFFL_SIR_NOPM_2_20190421T201037_20190421T201826_C001 CS_OFFL_SIR_NOPM_2_20190421T201037_20190421T201826_C001 CS_OFFL_SIR_NOPM_2_20190421T201038_20190421T201839_C001 CS_OFFL_SIR_NOPM_2_20190421T201038_20190421T201830_C001 CS_OFFL_SIR_NOPM_2_20190421T201038_C0010 CS_OFFL_S		Backscatter Averaging Status	more records.
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CS_OFFL_SIR_NOPM_2_20190421T22315_20190421T22330_C001 CS_OFFL_SIR_NOPM_2_20190421T222615_20190421T223544_C001 CS_OFFL_SIR_NOPM_2_20190421T222615_20190421T223544_C001 CS_OFFL_SIR_NOPM_2_20190421T222719_20190421T223544_C001 CS_OFFL_SIR_NOPM_2_20190421T224719_20190421T224845_C001	CS_OFFL_SIR_NOPM_2_20190421T213129_20190421T214805_C001		more records.
Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190421T222615_20190421T223544_C001 CS_OFFL_SIR_NOPM_2_20190421T224719_20190421T224845_C001 Backscatter Averaging Status SWH Averaging Status SWH Averaging Status 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_20190421T215005_20190421T215517_C001	• •	
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CS_OFFL_SIR_NOPM_2_20190421T224719_20190421T224845_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_20190421T222615_20190421T223544_C001		
• • •	CS_OFFL_SIR_NOPM_2_20190421T224719_20190421T224845_C001	SWH Averaging Status, Ocean	
CS_OFFL_SIR_NOPM_2_20190421T230611_20190421T232625_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_20190421T230611_20190421T232625_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	CS_OFFL_SIR_NOPM_2_20190421T233157_20190421T233418_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
l conto.			

CS_OFFL_SIR_NOPM_2_20190421T234115_20190422T001220_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T003131_20190421T003205_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T074643_20190421T074824_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T200853_20190421T200912_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190421T215819_20190421T220115_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Number of products with errors:

64