







1. Overview

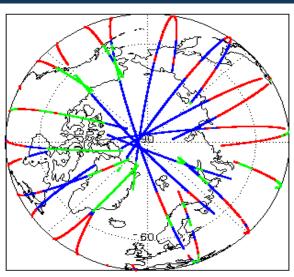
Report Production:	18-Mar-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data

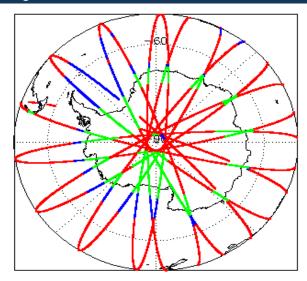
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7
Ocean Retracking Quality Check	See Section 5.8

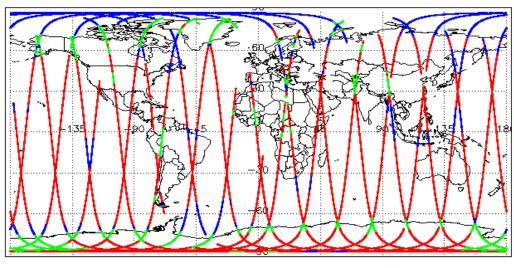
Mission / Instrument News		
	14-Mar-2019	None

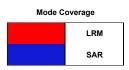
15-Mar-2019 None 16-Mar-2019 Nothing planned

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:

0

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190315T031505_20190315T032920_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

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:

13

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20190315T161810_20190315T162835_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190315T074349_20190315T074414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190315T084148_20190315T084311_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190315T102024_20190315T102141_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190315T124039_20190315T124244_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190315T205011_20190315T205452_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20190315T215314_20190315T215426_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190315T010025_20190315T010226_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190315T032920_20190315T033357_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190315T043848_20190315T044046_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190315T073953_20190315T074221_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190315T155046_20190315T155615_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20190315T180055_20190315T180235_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:

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.

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:

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: 1

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190315T031505_20190315T032920_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

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 CS_OFFL_SIR_NOPM_2_20190314T235407_20190315T001350_C001	Test Failed Ocean Range Averaging Status	Description The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T001537_20190315T002045_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190315T002559 20190315T010025 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T012536_20190315T013006_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T013038_20190315T014819_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190315T020632 20190315T022408 C001		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_20190315T022849_20190315T023617_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T025604_20190315T031318_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T031505_20190315T032920_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T033958_20190315T034401_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T034538_20190315T040115_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T040315_20190315T041238_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190315T044046_20190315T045204_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T045743_20190315T050552_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T050656_20190315T051213_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T051455_20190315T052303_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T052455_20190315T054051_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T062348_20190315T062750_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T062753_20190315T065106_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T065339_20190315T065544_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T065619_20190315T070142_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T070413_20190315T072929_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T080121_20190315T081245_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T081824_20190315T082956_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T083547_20190315T084148_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T084311_20190315T091130_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T091954_20190315T092111_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T093507_20190315T100925_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T101456_20190315T102024_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190315T102150 20190315T102813 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190315T105909 20190315T110122 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190315T111433 20190315T112449 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T112541_20190315T114850_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20190315T120050 20190315T122048 C001	Ocean Range Averaging Status	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_20190315T125257_20190315T132636_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T132930_20190315T133357_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T134010_20190315T134420_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T134458_20190315T141621_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T143620_20190315T144333_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T144938_20190315T150600_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20190315T150738_20190315T151255_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T152320_20190315T153613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T153846_20190315T155046_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T161810_20190315T162835_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T163015_20190315T164513_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_NOPM_2_20190315T164704_20190315T165206_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T165230_20190315T165344_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T170038_20190315T170137_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T170728_20190315T171251_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T172347_20190315T173056_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T180236_20190315T182421_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T182726_20190315T183122_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T183144_20190315T183402_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T183719_20190315T190615_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T193815_20190315T200353_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T200513_20190315T201036_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T201043_20190315T201408_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T201622_20190315T202836_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T203413_20190315T205011_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T211428_20190315T212217_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T212219_20190315T213409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T213703_20190315T214339_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T214514_20190315T215314_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T215555_20190315T223023_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T230531_20190315T232307_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T233523_20190315T235813_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190315T013006_20190315T013038_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190315T125125_20190315T125257_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190315T180055_20190315T180235_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190315T183638_20190315T183719_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20190315T213409_20190315T213703_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: 70

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20190314T235407_20190315T001350_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_20190315T001537_20190315T002045_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T002559_20190315T010025_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_20190315T013038_20190315T014819_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_20190315T020632_20190315T022408_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_20190315T022849_20190315T023617_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_20190315T025604_20190315T031318_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_20190315T031505_20190315T032920_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_20190315T033958_20190315T034401_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20190315T034538_20190315T040115_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_20190315T040315_20190315T041238_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_20190315T044046_20190315T045204_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_20190315T045743_20190315T050552_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_20190315T050656_20190315T051213_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_20190315T051455_20190315T052303_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

Comparison Com	CS_OFFL_SIR_NOPM_2_20190315T052455_20190315T054051_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Col.			
Sept. Sept. Sept. 2, 2000001101011_201020110101000_COTS C_011_Sept. Company_Consistent Sept. Se			
SOUTH SET JOHN JOHN JOHN STREET JOHN STREET STREET JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOHN		* *	
Control, Bills, Montry 2, 2010001111100012, 20100011100012, 20100011100012		5 5	more records.
Section For Control (1997) (19	CS_OFFL_SIR_NOPM_2_20190315T080121_20190315T081245_C001	Backscatter Averaging Status	more records.
COUNT, BITLAND COUNTS AND COUNTS	CS_OFFL_SIR_NOPM_2_20190315T081824_20190315T082956_C001		more records.
Backettar Average State. On CH-L SN NOPH 2, 2000010100001000010000100010001 On CH-L SN NOPH 2, 2000010100000010000100001 On CH-L SN NOPH 2, 200001010000010000100001 On CH-L SN NOPH 2, 2000010100000010000100001 On CH-L SN NOPH 2, 2000010100000010000100001 On CH-L SN NOPH 2, 200001010000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190315T083547_20190315T084148_C001		records.
Section Analysis and Company (International Control of Company) (International	CS_OFFL_SIR_NOPM_2_20190315T084311_20190315T091130_C001		
Section of the control of the contro	CS_OFFL_SIR_NOPM_2_20190315T091954_20190315T092111_C001		
Secretic Secretary 2 detectability of 1992 (1992) (CS_OFFL_SIR_NOPM_2_20190315T093507_20190315T100925_C001		
SO, OFE, SR, NOPIL 2, 20190315T19285 0190315T1928 0190315T1938 0190315	CS_OFFL_SIR_NOPM_2_20190315T101456_20190315T102024_C001	Ice Backscatter Averaging Status	
Sign North 2, 2 patiests 1111433, 20180351711428, 2018035171428, 2018035171428, 2018035171428, 2018035171428, 2018035171428, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712288, 20180351712889, 20180351712899, 20180351712999, 2	CS_OFFL_SIR_NOPM_2_20190315T102150_20190315T102813_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL, SIR, NOPW 2, 201001517110439, 201001517110400, 201001517110400, 20100151710400, 20100	CS OFFL SIR NOPM 2 20190315T105909 20190315T110122 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CB_OFFL_SB_NOPW_2_20190315T10262_20190015T10268_0001 SWM American States. Downs Basecaster American States. Downs Research Americ		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Co., OFFL., SIR, NOPW. 2, 20100315112000, 20110031512000 C001 Co., OFFL., SIR, NOPW. 2, 201003151312000, 20110031512000 C001 Co., OFFL., SIR, NOPW. 2, 201003151312000, 20110031512000 C001 Co., OFFL., SIR, NOPW. 2, 201003151312000, 20110031512000 C001 Co., OFFL., SIR, NOPW. 2, 201003151314000 C001 Co., OFFL., SIR, NOPW. 2, 201003151314000 C001 Co., OFFL., SIR, NOPW. 2, 20100315131400 C001 Co., OFFL., SIR, NOPW. 2, 20100315131000 C001 Co.			
CS_OFFL_SIX_NOPM_2_20190315T13059_20190315T13059_C010 CS_OFFL_SIX_NOPM_2_20190315T13059_20190315T13059_C010 CS_OFFL_SIX_NOPM_2_20190315T13059_20190315T13059_C010 CS_OFFL_SIX_NOPM_2_20190315T13059_20190315T13059_C010 CS_OFFL_SIX_NOPM_2_20190315T13059_20190315T13059_C010 CS_OFFL_SIX_NOPM_2_20190315T13059_20190315T13059_C010 CS_OFFL_SIX_NOPM_2_20190315T13059_C0100315T13059_C010 CS_OFFL_SIX			
Bodescenter Averaging Status OB CPFL_SIR_NOPM 2_0109315T13090_2199315T13090_CO11 OB CPFL_SIR_NOPM 2_0109315T13090_2199315T13090_CO11 OB CPFL_SIR_NOPM 2_0109315T13090_2199315T13090_CO11 OB CPFL_SIR_NOPM 2_0109315T13090_2199315T140420_CO11 OB CPFL_SIR_NOPM 2_0109315T13090_2199315T140420_CO11 OB CPFL_SIR_NOPM 2_0109315T14090_2199315T14090_CO11 OB CPFL_SIR_NOPM 2_0109315T14090_2199315T14090_CO11 OB CPFL_SIR_NOPM 2_0109315T14090_2199315T14090_CO11 OB CPFL_SIR_NOPM 2_0109315T14090_2199315T14090_CO11 OB CPFL_SIR_NOPM 2_0109315T14090_2199315T13090_CO11 OB CPFL_SIR_NOPM 2_0109315T19090_2199315T13090_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T109100_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T109000_CO11 OB CPFL_SIR_NOPM 2_0109315T10900_2199315T10900_CO11 OB CPFL_SIR_NOPM 2_0109315T109000_CO11 OB CPFL_SIR_NOPM		Backscatter Averaging Status	more records.
So, OFFL, Sin, NOPM 2, 20180315T13401, 20180315T13402, 20180315T13403, 20180 So, OFFL, Sin, NOPM 2, 20180315T13401, 20180315T13403, 20180315T1		Backscatter Averaging Status	more records.
SO CPFL_SIR_NOPM_2 20180315T14433_20190315T14432_C001 SO CPFL_SIR_NOPM_2 20180315T14433_20190315T14433_C001 SO CPFL_SIR_NOPM_2 20180315T14433_20190315T14433_C001 SO CPFL_SIR_NOPM_2 20180315T14433_20190315T14433_C001 SO CPFL_SIR_NOPM_2 20180315T14433_20190315T14233_C001 SO CPFL_SIR_NOPM_2 20180315T14433_20190315T14233_C001 SO CPFL_SIR_NOPM_2 20180315T16344_20190315T16234_C001 SO CPFL_SIR_NOPM_2 20180315T16343_20190315T16234_C001 SO CPFL_SIR_NOPM_2 20180315T16343_20190315T16234_C001 SO CPFL_SIR_NOPM_2 20180315T17234_20190315T17235_C001 SO CPFL_SIR_NOPM_2 20180315T17234_20190315T17234_200015_C001 SO CPFL_SIR_NOPM_2 20180315T17234_20190315T17234_200015_C001 SO CPFL_SIR_NOPM_2 20180315T17234_20190315T10015C001 SO CPFL_SIR_NOPM_2 20180315T171034_20190315T10015C001 SO CPFL_SIR_NOPM_2 20180315T171034_20190315T10015C001 SO CPF	CS_OFFL_SIR_NOPM_2_20190315T132930_20190315T133357_C001	Ice Backscatter Averaging Status	records.
Badoscater Averaging Status Coent Decided Control of the Averaging Status Flags have been set for one or more records. S. GFFL_SIR_NOPM_2_20190315T14930_20190315T14930_C001 S. GFFL_SIR_NOPM_2_20190315T14930_20190315T14930_C001 S. GFFL_SIR_NOPM_2_20190315T14930_20190315T15030_C001 S. GFFL_SIR_NOPM_2_20190315T19303_20190315T150300_C001 S. GFFL_SIR_NOPM_2_20190315T150300_C001 S. GFFL_SIR_NOPM_2_20190315T150300_C001 S. GFFL_SIR_NOPM_2_20190315T150300_C001 S. GFFL_SIR_NOPM_2_20190315T150300_C001 S. GFFL_SIR_NOPM_2_20190315T150300_C001 S. GFFL_SIR_NOPM_2_20190315T160300_C001 S. GFFL_SIR_NOPM_2_20190315T160300_C001 S. GFFL_SIR_NOPM_2_20190315T170300_C001 S. GFFL_SIR_NOPM_2_20190	CS_OFFL_SIR_NOPM_2_20190315T133416_20190315T133809_C001		records.
Backscatter Averaging Status Fig. PoPPL_SR_NOPM_2 20190315T193020_20190315T190000_001 SO FFL_SR_NOPM_2 20190315T193032_00190315T190000_001 SO FFL_SR_NOPM_2 20190315T190015_00190315T190000_001 SO FFL_SR_NOPM_2 20190315T190015_00190315T190000_001 SO FFL_SR_NOPM_2 20190315T190015_00190315T190000_001 SO FFL_SR_NOPM_2 20190315T190015_00190315T190000_001 SO FFL_SR_NOPM_2 20190315T190000_00190315T190000_001 SO FFL_SR_NOPM_2 20190315T1900000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20190315T134010_20190315T134420_C001	Backscatter Averaging Status	more records.
Backsoater Averaging Status more records. SPEL SIR NOPM_2 201903157140938_201903157150355_0001 SO GPEL_SIR NOPM_2 201903157150378_201903157150355_0001 SO GPEL_SIR NOPM_2 201903157150378_201903157150355_0001 SO GPEL_SIR NOPM_2 201903157150386_201903157150365_0001 SO GPEL_SIR NOPM_2 201903157150386_201903157150365_0001 SO GPEL_SIR NOPM_2 201903157150366_0001 SO GPEL_SIR NOPM_2 201903157150366_0001 SO GPEL_SIR NOPM_2 201903157150366_0001 SO GPEL_SIR NOPM_2 20190315716030_201903157160346_0001 SO GPEL_SIR NOPM_2 201903157170728_201903157160346_0001 SO GPEL_SIR NOPM_2 201903157170728_201903157160346_0001 SO GPEL_SIR NOPM_2 201903157170728_201903157160346_0001 SO GPEL_SIR NOPM_2 201903157170728_20190315717256_0001 SO GPEL_SIR NOPM_2 201903157170728_20190315717256_0001 SO GPEL_SIR NOPM_2 201903157170728_20190315717256_001 SO GPEL_SIR NOPM_2 201903157170728_20190315717257_001 SO GPEL_SIR NOPM_2 201903157170728_2019031	CS_OFFL_SIR_NOPM_2_20190315T134458_20190315T141621_C001		
SWH Averaging Situs. Cocan because of the Buckscatter Averaging Situs. The SWH and Cocan Averaging Situs Flags have been set for one or more cocods. SPH_SIR_NOPM_2 20190315T15328_02930315T18355_0001 SQ_OFFL_SIR_NOPM_2 20190315T153280_20190315T18364_0001 SQ_OFFL_SIR_NOPM_2 20190315T108016_20190315T18365_001 SQ_OFFL_SIR_NOPM_2 20190315T108016_20190315T18036_0001 SQ_OFFL_SIR_NOPM_2 20190315T108016_20190315T18036_0001 SQ_OFFL_SIR_NOPM_2 20190315T108016_20190315T18036_0001 SQ_OFFL_SIR_NOPM_2 20190315T108016_20190315T18036_0001 SQ_OFFL_SIR_NOPM_2 20190315T108016_20190315T180506_0001 SQ_OFFL_SIR_NOPM_2 20190315T170326_00015T17036_0001 SQ_OFFL_SIR_NOPM_2 20190315T170326_00015T170366_0001 SQ_OFFL_SIR_NOPM_2 20190315T170326_00015T170366_0001 SQ_OFFL_SIR_NOPM_2 20190315T170326_000015T170366_0001 SQ_OFFL_SIR_NOPM_2 20190315T170326_000015T170366_0001 SQ_OFFL_SIR_NOPM_2 20190315T170326_000015T170366_0001 SQ_OFFL_SIR_NOPM_2 20190315T170326_000015T170366_0001 SQ_OFFL_SIR_NOPM_2 20190315T170305_0001 SQ_OFF	CS_OFFL_SIR_NOPM_2_20190315T143620_20190315T144333_C001		
os OFFL_SIR_NOPM_2_20190315T16328_20190315T153613_C001 SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or more records. SVH Averaging Status. Ocean Backscatter Averaging Statu	CS_OFFL_SIR_NOPM_2_20190315T144938_20190315T150600_C001	SWH Averaging Status, Ocean	
SWH Averaging Status. Coan Backscatter Averaging Status Flags have been set for one or or one records. SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or one records. SWH Averaging Status. Ocean Backscatter Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for one or one records. The SWH and Ocean Averaging Status Flags have been set for	CS_OFFL_SIR_NOPM_2_20190315T150738_20190315T151255_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20190315T163840_20190315T162835_CO01 SOFFL_SIR_NOPM_2_20190315T163915_20190315T162834_CO01 SOFFL_SIR_NOPM_2_20190315T163704_20190315T165204_CO01 SOFFL_SIR_NOPM_2_20190315T163704_20190315T165240_CO01 SOFFL_SIR_NOPM_2_20190315T162704_20190315T1765240_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17255_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17050_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17050_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17050_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17050_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17050_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17050_CO01 SOFFL_SIR_NOPM_2_20190315T170728_20190315T17050_CO01 SOFFL_SIR_NOPM_2_20190315T1000150_CO01 SOFFL_SIR_NOPM_2_20190315T2000150_C0010 SOFFL_SIR_NOPM_2_20190315T2000150_C0010015015010001 SOFFL_SIR_NOPM_2_20190315T2000150_C0010015015010001 SOFFL_SIR_NOPM_2_20190315T2000150_C00100150150100001 SOFFL_SIR_NOPM_2_20190315T2000150_C00100150150100001 SOFFL_SIR_NOPM_2_20190315T2000150_C001001501501000001 SOFFL_SIR_NOPM_2_20190315T2000150_C001001501501000001 SOFFL_SIR_NOPM_2_20190315T2000150_C00100150150100000000000000000000	CS OFFL SIR NOPM 2 20190315T152320 20190315T153613 C001		The SWH and Ocean Averaging Status Flags have been set for one or
SOFEL SIR, NOPM 2, 20100315T1618020, 20100315T162305, CO01 SOFFL SIR, NOPM 2, 20100315T160016, 20100315T162036, CO01 SOFFL SIR, NOPM 2, 20100315T160016, 20100315T165200, CO01 CS_OFFL_SIR, NOPM 2, 20100315T165200, 20100315T165200, CO01 CS_OFFL_SIR, NOPM 2, 20100315T165200, 20100315T170224, CO01 CS_OFFL_SIR, NOPM 2, 20100315T170724, 20100315T17024, CO01 CS_OFFL_SIR, NOPM 2, 20100315T170724, 20100315T17024, CO01 CS_OFFL_SIR, NOPM 2, 20100315T180206, 20100315T180204, CO01 CS_OFFL_SIR, NOPM 2, 20100315T180206, 20100315T180305, CO01 CS_OFFL_SIR, NOPM 2, 20100315T180206, 20100315T180305, CO01 CS_OFFL_SIR, NOPM 2, 20100315T180206, 20100315T180305, CO01 CS_OFFL_SIR, NOPM 2, 20100315T180206, 20100315T120035, CO01 CS_OFFL_SIR, NOPM 2, 20100315T180206, 20100315T120035, CO01 CS_OFFL_SIR, NOPM 2, 20100315T120035, CO01 CS_OFFL_SIR, NOPM 2, 20100315T120035, CO01 CS_OFFL_SIR, NOPM 2, 20100315T120035, 20100315T120035, CO01 CS_OFFL_SIR, NOPM 2, 20100315T20035, 20100315T20035, CO01 CS_OFFL_SIR, NOPM 2		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
SO FFL_SIR_NOPM_2_20190315T163015_20190315T16206_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T162726_20190315T171251_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T177278_20190315T171251_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T177278_20190315T171251_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T177278_20190315T171251_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T17724_20190315T17224_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T17234_20190315T172056_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T180226_2001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T180236_2001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T182726_20190315T180236_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T180236_2001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T180236_2001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T180236_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T180236_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T180236_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T20035_C001 SWH Averaging Status Cos OFFL_SIR_NOPM_2_20190315T2035_C001 SWH Averaging		SWH Averaging Status, Ocean	
CS_OFFL_SIR_NOPM_2_20190315T19520_20190315T195242_C001 CS_OFFL_SIR_NOPM_2_20190315T195242_20190315T195344_C001 CS_OFFL_SIR_NOPM_2_20190315T195247_20190315T172224_C001 CS_OFFL_SIR_NOPM_2_20190315T172347_20190315T172556_C001 CS_OFFL_SIR_NOPM_2_20190315T172347_20190315T172506_C001 CS_OFFL_SIR_NOPM_2_20190315T172347_20190315T172056_C001 CS_OFFL_SIR_NOPM_2_20190315T172347_20190315T172056_C001 CS_OFFL_SIR_NOPM_2_20190315T19342_C001 CS_OFFL_SIR_NOPM_2_20190315T19342_C001 CS_OFFL_SIR_NOPM_2_20190315T19315T190815_C001 CS_OFFL_SIR_NOPM_2_20190315T19315T190815_C001 CS_OFFL_SIR_NOPM_2_20190315T19315T190815_C001 CS_OFFL_SIR_NOPM_2_20190315T19315T190815_C001 CS_OFFL_SIR_NOPM_2_20190315T19315T200353_C001 CS_OFFL_SIR_NOPM_2_20190315T20135_20190315T200353_C001 CS_OFFL_SIR_NOPM_2_20190315T20135_20190315T200353_C001 CS_OFFL_SIR_NOPM_2_20190315T201352_C001 CS_OFFL_SIR_NOPM_2_20190315T200352_C001 CS_OFFL_SIR_NOPM_2_20190315T200352_C001 CS_OFFL_SIR_NOPM_2_20190315T200352_C001 CS_OFFL_SIR_NOPM_2_20190315T200352_C001 CS_OFFL_SIR_NOPM_2_20190315T2003			
CS_OFFL_SIR_NOPM_2_20190315T1931_247_20190315T193054_C001 SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Cocan Backscatter Averaging Status Flags have been set for one or more records. The SWH and Cocan Averaging Status Flags have been set for one or more records. The SWH and Cocan Averaging Status Flags have been set for one or more records. The SWH and Cocan Averaging Status Flags have been set for one or more records. The SWH and Cocan Averaging Status Flags have been set for one or more records. The SWH and Cocan Averaging Status Flags have been set for one or more records. The SWH and Cocan Averaging Status Flags have been set for one or more records. The SWH and Cocan Averaging Status Flags have been set for			
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Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190315T213703_20190315T214339_C001 CS_OFFL_SIR_NOPM_2_20190315T214514_20190315T215314_C001 CS_OFFL_SIR_NOPM_2_20190315T215555_20190315T223023_C001 CS_OFFL_SIR_NOPM_2_20190315T215555_20190315T223023_C001 CS_OFFL_SIR_NOPM_2_20190315T230531_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T23523_20190315T2335813_C001 CS_OFFL_SIR_NOPM_2_20190315T033606_20190315T013038_C001 CS_OFFL_SIR_NOPM_2_20190315T033006_20190315T013038_C001 CS_OFFL_SIR_NOPM_2_20190315T034401_20190315T034538_C001	CS_OFFL_SIR_NOPM_2_20190315T211428_20190315T212217_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190315T214514_20190315T215314_C001 Ice Backscatter Averaging Status SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_NOPM_2_20190315T230531_20190315T232307_C001 CS_OFFL_SIR_NOPM_2_20190315T230531_20190315T232307_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T233523_20190315T235813_C001 CS_OFFL_SIR_NOPM_2_20190315T233523_20190315T235813_C001 CS_OFFL_SIR_NOPM_2_20190315T033006_20190315T03308_C001 CS_OFFL_SIR_NOPM_2_20190315T033006_20190315T013038_C001 CS_OFFL_SIR_NOPM_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPM_2_20190315T034401_20190315T034538_C001 SWH Averaging Status SWH Averaging Status The lce Backscatter 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 Flags have been set for one or more records.	CS_OFFL_SIR_NOPM_2_20190315T212219_20190315T213409_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20190315T215555_20190315T23023_C001 CS_OFFL_SIR_NOPM_2_20190315T23555_20190315T232307_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T232533_20190315T2335813_C001 CS_OFFL_SIR_NOPM_2_20190315T033523_20190315T033082_C001 CS_OFFL_SIR_NOPM_2_20190315T033523_20190315T033082_C001 CS_OFFL_SIR_NOPM_2_20190315T033523_20190315T033082_C001 CS_OFFL_SIR_NOPM_2_20190315T033523_20190315T033082_C001 CS_OFFL_SIR_NOPM_2_20190315T033523_20190315T033082_C001 CS_OFFL_SIR_NOPM_2_20190315T03306_20190315T013038_C001 CS_OFFL_SIR_NOPM_2_20190315T034401_20190315T034538_C001	CS_OFFL_SIR_NOPM_2_20190315T213703_20190315T214339_C001		more records.
Backscatter Averaging Status CS_OFFL_SIR_NOPM_2_20190315T232531_20190315T232307_C001 Backscatter Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T233523_20190315T235813_C001 CS_OFFL_SIR_NOPM_2_20190315T233523_20190315T235813_C001 CS_OFFL_SIR_NOPM_2_20190315T013006_20190315T013038_C001 CS_OFFL_SIR_NOPM_2_20190315T013006_20190315T013038_C001 CS_OFFL_SIR_NOPM_2_20190315T013006_20190315T013038_C001 SWH Averaging Status, Ocean Backscatter 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.	CS_OFFL_SIR_NOPM_2_20190315T214514_20190315T215314_C001	Ice Backscatter Averaging Status	
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CS_OFFL_SIR_NOPM_2_20190315T232447_20190315T233002_C001 CS_OFFL_SIR_NOPM_2_20190315T233523_20190315T235813_C001 CS_OFFL_SIR_NOPM_2_20190315T013006_20190315T013038_C001 CS_OFFL_SIR_NOPN_2_20190315T013006_20190315T013038_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001 CS_OFFL_SIR_NOPN_2_20190315T034401_20190315T034538_C001	CS_OFFL_SIR_NOPM_2_20190315T230531_20190315T232307_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20190315T233523_20190315T235813_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_NOPN_2_20190315T013006_20190315T013038_C001 SWH 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. 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_20190315T232447_20190315T233002_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPN_2_20190315T013006_20190315T013038_C001 SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean SWH Averaging Status, Ocean SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NORN_2_20190315T034401_20190315T034538_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
	65_5.1 E_0//C101 //_E_601000101004401_201000101004000_0001	Backscatter Averaging Status	more records.

CS_OFFL_SIR_NOPR_2_20190315T180055_20190315T180235_C001 SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set more records.	
backscaller Averaging Status Infore records.	for one or
CS_OFFL_SIR_NOPR_2_20190315T183638_20190315T183719_C001 SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set more records.	for one or
CS_OFFL_SIR_NOPR_2_20190315T213409_20190315T213703_C001 SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set more records.	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:

43