







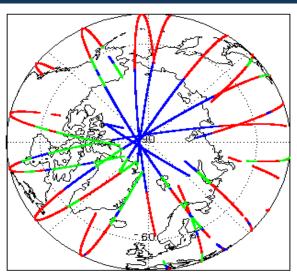
1. Overview

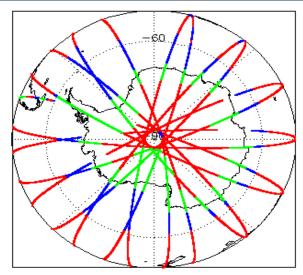
Report Production:	30-Jul-2018			
Processor Used:	CryoSat Ocean Processor			
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data			

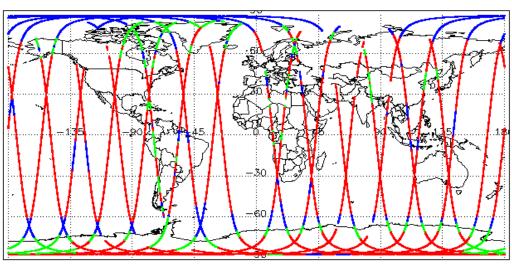
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence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

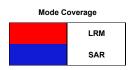
Mission / Instrument News		
28-Jul-2018	None	
29-Jul-2018	L0 data missing on 29-Jul-2018 from 11:37:19 to 13:16:15 due to an unplanned ground segment anomaly.	
30-Jul-2018	Nothing planned	

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.

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:

4

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20180729T032554_20180729T033216_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20180729T044117_20180729T044813_C001		There is an error in the scaling of the L1B waveform for one or more
CS_OFFL_SIR_NOPM1B_20180729T062155_20180729T062948_C001		records There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_NOPM1B_20180729T064653_20180729T065130_C001		records 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: 1

Product	Test Failed	Description
CS_OFFL_SIR_NOPM1B_20180729T025617_20180729T031300_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20180729T042609_20180729T043009_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20180729T043651_20180729T043954_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPM1B_20180729T102246_20180729T103053_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180729T013810_20180729T013918_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180729T031616_20180729T031832_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180729T045159_20180729T045547_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180729T101035_20180729T101223_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180729T145617_20180729T145736_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180729T212602_20180729T212633_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180729T085910_20180729T090115_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180729T212907_20180729T213655_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

CrvoSat 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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180729T032554_20180729T033216_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20180729T044117_20180729T044813_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20180729T062155_20180729T062948_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_NOPM_2_20180729T064653_20180729T065130_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

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:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180729T000754_20180729T004316_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T004710_20180729T005126_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T005144_20180729T005540_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T010028_20180729T013409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T014624_20180729T020102_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T020543_20180729T020705_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T020708_20180729T021402_C001	Ocean Range Averaging Status	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_20180729T022507_20180729T023024_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T024101_20180729T025403_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T025617_20180729T031300_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_20180729T033537_20180729T034603_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T034742_20180729T040136_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T040942_20180729T040953_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T041000_20180729T041114_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T042609_20180729T043009_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T043650_20180729T043954_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T044117_20180729T044813_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180729T052004_20180729T054016_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T054446_20180729T054852_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T054858_20180729T054907_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T055608_20180729T062151_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T065541_20180729T071936_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T072239_20180729T072806_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T072812_20180729T073137_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T073523_20180729T074607_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T075144_20180729T080725_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T083040_20180729T085214_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T085428_20180729T085909_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T090239_20180729T091045_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T091538_20180729T094802_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T100052_20180729T100219_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T102245_20180729T103053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T103113_20180729T103716_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T104215_20180729T104732_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T105432_20180729T111544_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T111829_20180729T113010_C001	Ocean Range Averaging Status	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_20180729T132245_20180729T132936_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20180729T132950 20180729T135408 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T140344_20180729T140538_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T140802_20180729T141029_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T141306_20180729T142906_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T142912_20180729T144120_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T145736_20180729T150135_C001	Ice Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T150257_20180729T151842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T152735_20180729T153545_C001	Ocean Range Averaging Status	records.

CS_OFFL_SIR_NOPM_2_201807297154952_20180729716900_CO01 CS_OFFL_SIR_NOPM_2_20180729716455_201807297167200_CO01 CS_OFFL_SIR_NOPM_2_20180729716455_201807297167200_CO01 CS_OFFL_SIR_NOPM_2_201807297174553_CO01 CS_OFFL_SIR_NOPM_2_20180729717207_20180729717550_CO01 CS_OFFL_SIR_NOPM_2_20180729717207_20180729717550_CO01 CS_OFFL_SIR_NOPM_2_20180729717207_20180729717550_CO01 CS_OFFL_SIR_NOPM_2_20180729717207_20180729717550_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_20180729717500_CO01 CS_OFFL_SIR_NOPM_2_2018072971000_CO01 CS_OFFL_SIR_NOPM_2_2018072971000_CO01 CS_OFFL_SIR_NOPM_2_20180729710000_CO01 CS_OFFL_SIR_NOPM_2_20180729712000_CO01 CS_OFFL_SIR_NOPM_2_	CS_OFFL_SIR_NOPM_2_20180729T154224_20180729T154455_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
So, OFFL_SIR, NOPM_2 20180729710459, 20180729717631, 0001 Ocean Range Averaging Status Fecurity Ocean Range Averaging Status Find Cocan Range	CS_OFFL_SIR_NOPM_2_20180729T154520_20180729T154945_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T19408_20180729T19201192030_0001 Ocean Range Averaging Status File Cocean Range Averaging Status File Status File Cocean Range Averaging Status File Status File Status File Cocean Range Averaging Status File Status	CS_OFFL_SIR_NOPM_2_20180729T155236_20180729T160630_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_201807281712301_20180281281717303_C0001 CS_OFFL_SIR_NOPM_2_201807281713211_2018072817175459_C001 CS_OFFL_SIR_NOPM_2_201807281713201_201807281715459_C001 CS_OFFL_SIR_NOPM_2_2018072817180001_201807281718548_C001 CS_OFFL_SIR_NOPM_2_2018072817180001_201807281718548_C001 CS_OFFL_SIR_NOPM_2_2018072817180002_2018072817180001_00180728171800018001800180018001800180018001800	CS_OFFL_SIR_NOPM_2_20180729T160810_20180729T161241_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T122012_20180729T17590_C001 CS_OFFL_SIR_NOPM_2_20180729T173211_20180729T17549_C001 CS_OFFL_SIR_NOPM_2_20180729T173211_20180729T185548_C001 CS_OFFL_SIR_NOPM_2_20180729T180022_20180729T180648_C001 CS_OFFL_SIR_NOPM_2_20180729T180022_20180729T190648_C001 CS_OFFL_SIR_NOPM_2_20180729T190202_20180729T190648_C001 CS_OFFL_SIR_NOPM_2_20180729T1902035_20180729T190648_C001 CS_OFFL_SIR_NOPM_2_20180729T1902035_20180729T190648_C001 CS_OFFL_SIR_NOPM_2_20180729T200355_20180729T10837_C001 CS_OFFL_SIR_NOPM_2_20180729T200355_20180729T201837_C001 CS_OFFL_SIR_NOPM_2_20180729T200412_20180729T204132_C001 CS_OFFL_SIR_NOPM_2_20180729T20413_20180729T204172_C001 CS_OFFL_SIR_NOPM_2_20180729T20413_20180729T204172_C001 CS_OFFL_SIR_NOPM_2_20180729T20413_20180729T204172_C001 CS_OFFL_SIR_NOPM_2_20180729T20413_20180729T204172_C001 CS_OFFL_SIR_NOPM_2_20180729T20413_20180729T204172_C001 CS_OFFL_SIR_NOPM_2_20180729T212033_20180729T21233_C001 CS_OFFL_SIR_NOPM_2_20180729T212033_20180729T21233_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T21233_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T22336_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T22336_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T22336_C001 CS_OFFL_SIR_NOPM_2_20180729T220302_20180729T22336_C001 CS_OFFL_SIR_NOPM_2_20180729T220302_20180729T22336_C001 CS_OFFL_SIR_NOPM_2_20180729T2230312_20180729T22336_C001 CS_OFFL_SIR_NOPM_2_20180729T223302_20180729T22336_C001 CS_OFFL_SIR_NOPM_2_20180729T233032_20180729T223364_C001 CS_OFFL_SIR_NOPM_2_20180729T233032_20180729T233040_C001 CS_OFFL_SIR_NOPM_2_20180729T33032_20180729T233040_C001 CS_OFFL_SIR_NOPM_2_20180729T33032_20180729T303040_C001 CS_OFFL_SIR_NOPM_2_20180729T33032_20180729T303040_C001 CS_OFFL_SIR_NOPM_2_20180729T33032_20180729T303040_C001 CS_OFFL_SIR_NOPM_2_20180729T33032_20180729T303040_C001 CS_OFFL_SIR_NOPM_2_20180729T303032_20180729T303040_C001 CS_OFFL_SIR_NOPM_2_20180729T303032_20180729T303040_C001 CS_OFFL_SIR_NOPM_2_20180729T303032_20180729T303040_C001 CS_OFFL_SIR_NOPM_2	CS_OFFL_SIR_NOPM_2_20180729T164458_20180729T165208_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T13211_20180729T13505_0010 Cean Range Averaging Status CS_OFFL_SIR_NOPM_2_20180729T130001_20180729T136548_0001 CS_OFFL_SIR_NOPM_2_20180729T190202_20180729T190404_0001 CS_OFFL_SIR_NOPM_2_20180729T191139_20180729T190301_0001 CS_OFFL_SIR_NOPM_2_20180729T191139_20180729T190301_0001 CS_OFFL_SIR_NOPM_2_20180729T200305_20180729T20300_0001 CS_OFFL_SIR_NOPM_2_20180729T202413_20180729T20300_0001 CS_OFFL_SIR_NOPM_2_20180729T202413_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T202413_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T203017_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T203017_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T203017_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T203017_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T203017_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T203017_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T203017_20180729T204727_0001 CS_OFFL_SIR_NOPM_2_20180729T2030017_20180729T2040000000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20180729T165331_20180729T171631_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_201807291190223_201807291158548_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status Flag has been set for one or more records. The Cocan Range Averaging Status F	CS_OFFL_SIR_NOPM_2_20180729T172007_20180729T172900_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T190223_20180729T190849_C001 CS_OFFL_SIR_NOPM_2_20180729T19139_20180729T193807_C001 CS_OFFL_SIR_NOPM_2_20180729T29139501_C001 CS_OFFL_SIR_NOPM_2_20180729T29139501_C001 CS_OFFL_SIR_NOPM_2_20180729T29139501_C001 CS_OFFL_SIR_NOPM_2_20180729T29139501_C001 CS_OFFL_SIR_NOPM_2_20180729T20139_20180729T201807_C001 CS_OFFL_SIR_NOPM_2_20180729T20139_20180729T201807_C001 CS_OFFL_SIR_NOPM_2_20180729T20139_20180729T201807_C001 CS_OFFL_SIR_NOPM_2_20180729T20139_20180729T211524 CS_OFFL_SIR_NOPM_2_20180729T212533_20180729T211524 CS_OFFL_SIR_NOPM_2_20180729T212533_20180729T212759_C001 CS_OFFL_SIR_NOPM_2_20180729T212633_20180729T212538_C001 CS_OFFL_SIR_NOPM_2_20180729T212030_20180729T212328_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T221328_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T221328_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T221328_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T22030_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T220302_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T23032_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T23032_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T23032_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T23032_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T23032_20180729T220304_C001 CS_OFFL_SIR_NOPM_2_20180729T23032_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T231334_20180729T23846_C001 CS_OFFL_SIR_NOPM_2_20180729T33332_20180729T23040_C001 CS_OFFL_SIR_NOPM_2_20180729T33332_20180729T23040_C001 CS_OFFL_SIR_NOPM_2_20180729T313342_C0180729T340404_C001 CS_OFFL_SIR_NOPM_2_20180729T313342_C0180729T340404_C001 CS_OFFL_SIR_NOPM_2_20180729T313342_C0180729T340404_C001 CS_OFFL_SIR_NOPM_2_20180729T313342_C0180729T340404_C001 CS_OFFL_SIR_NOPM_2_20180729T313834_C0180729T340404_C001 CS_OFFL_SIR_NOPR_2_20180729T313834_C0180729T340404_C001 CS_OFFL_SIR_NOPR_2_20180729T313824_C0180729T313834_C0180729T313834_C0180729T313834	CS_OFFL_SIR_NOPM_2_20180729T173211_20180729T175459_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_201807297191302_201807297120355_201807297120350_20180729710350_201807297120	CS_OFFL_SIR_NOPM_2_20180729T183001_20180729T185548_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T200355_20180729T203437_C001 CS_OFFL_SIR_NOPM_2_20180729T202413_20180729T203403_C001 CS_OFFL_SIR_NOPM_2_20180729T202413_20180729T20472_C001 CS_OFFL_SIR_NOPM_2_20180729T205017_20180729T20472_C001 CS_OFFL_SIR_NOPM_2_20180729T205017_20180729T20472_C001 CS_OFFL_SIR_NOPM_2_20180729T205017_20180729T211524_C001 CS_OFFL_SIR_NOPM_2_20180729T212633_20180729T212759_C001 CS_OFFL_SIR_NOPM_2_20180729T212633_20180729T212759_C001 CS_OFFL_SIR_NOPM_2_20180729T2222041_20180729T212352_C001 CS_OFFL_SIR_NOPM_2_20180729T2222043_20180729T221328_C001 CS_OFFL_SIR_NOPM_2_20180729T2222043_20180729T222559_C001 CS_OFFL_SIR_NOPM_2_20180729T222040_20180729T222559_C001 CS_OFFL_SIR_NOPM_2_20180729T222040_20180729T222360_C001 CS_OFFL_SIR_NOPM_2_20180729T223002_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T223040_20180729T223040_C001 CS_OFFL_SIR_NOPM_2_20180729T230402_0180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230402_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T304094_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T3054149_C001 CS_OFFL_SIR_NOPM_2_20180729T054016_20180729T054054_C001 CS_OFFL_SIR_NOPM_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPM_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPM_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPM_2_20180729T054016_20180729T0540544_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001 CS_OFFL_SIR_NOPR_2_20180729T0540064_C001	CS_OFFL_SIR_NOPM_2_20180729T190223_20180729T190649_C001	Ice Range Averaging Status	
Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20180729T202413_0180729T20403_C001 CS_OFFL_SIR_NOPM_2_20180729T204138_0180729T204727_C001 CS_OFFL_SIR_NOPM_2_20180729T204738_0180729T21524_C001 CS_OFFL_SIR_NOPM_2_20180729T21205017_20180729T211524_C001 CS_OFFL_SIR_NOPM_2_20180729T2120533_0180729T212759_C001 CS_OFFL_SIR_NOPM_2_20180729T2120533_0180729T21238_C001 CS_OFFL_SIR_NOPM_2_20180729T21202043_20180729T221388_C001 CS_OFFL_SIR_NOPM_2_20180729T2202043_20180729T222558_C001 CS_OFFL_SIR_NOPM_2_20180729T2230202_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T2230202_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T2302042_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T223442_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230312_00180729T03012_00180729	CS_OFFL_SIR_NOPM_2_20180729T191139_20180729T193501_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_201807297223042_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297223042_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297223042_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297223042_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297223042_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297230312_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297230312_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297230312_201807297223042_C001 CS_OFFL_SIR_NOPM_2_201807297230312_2018072972323042_C001 CS_OFFL_SIR_NOPM_2_201807297233132_2018072972323042_C001 CS_OFFL_SIR_NOPM_2_201807297233132_2018072972323012_C001 CS_OFFL_SIR_NOPM_2_201807297233132_2018072972323012_C001 CS_OFFL_SIR_NOPM_2_201807297233132_2018072972323012_C001 CS_OFFL_SIR_NOPM_2_201807297233132_2018072972323020_C001 CS_OFFL_SIR_NOPM_2_201807297233132_2018072972323846_C001 CS_OFFL_SIR_NOPM_2_201807297233132_201807297233312_C001 CS_OFFL_SIR_NOPM_2_201807297233132_201807297233312_C001 CS_OFFL_SIR_NOPM_2_201807297233132_201807297233312_C001 CS_OFFL_SIR_NOPM_2_201807297233132_201807297233312_C001 CS_OFFL_SIR_NOPM_2_201807297233132_201807297233312_C001 CS_OFFL_SIR_NOPM_2_201807297233132_201807297233312_C001 CS_OFFL_SIR_NOPM_2_201807297233132_201807297233312_C001 CS_OFFL_SIR_NOPM_2_201807297233132_2018072972333242_C001 CS_OFFL_SIR_NOPM_2_20180729733132_201807297233342_C001 CS_OFFL_SIR_NOPM_2_20180729733132_20180729733332_C0018072973333	CS_OFFL_SIR_NOPM_2_20180729T200355_20180729T201837_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T225017_20180729T221524_CO01 CS_OFFL_SIR_NOPM_2_20180729T221324_CO01 CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T223324_CO01 CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T223042_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T223042_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T223042_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T223042_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T223042_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T223092_20180729T223042_CO01 CS_OFFL_SIR_NOPM_2_20180729T223092_20180729T223092_CO01 CS_OFFL_SIR_NOPM_2_20180729T23309_20180729T230720_CO01 CS_OFFL_SIR_NOPM_2_20180729T233092_20180729T230720_CO01 CS_OFFL_SIR_NOPM_2_20180729T233092_20180729T230720_CO01 CS_OFFL_SIR_NOPM_2_20180729T233092_20180729T230720_CO01 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_CO01 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T235242_CO01 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T135261_CO01 CS_OFFL_SIR_NOPM_2_20180729T0540936_20180729T154224_CO01 CS_OFFL_SIR_NOPM_2_20180729T0540936_20180729T054149_CO01 CS_OFFL_SIR_NOPR_2_20180729T0540936_20180729T054149_CO01 CS_OFFL_SIR_NOPR_2_20180729T054306_20180729T054149_CO01 CS_OFFL_SIR_NOPR_2_20180729T054306_20180729T054149_CO01 CS_OFFL_SIR_NOPR_2_20180729T054306_20180729T054149_CO01 CS_OFFL_SIR_NOPR_2_20180729T054306_20180729T054149_CO01 CS_OFFL_SIR_NOPR_2_20180729T313827_20180729T138346_CO01 CS_OFFL_SIR_NOPR_2_20180729T313827_20180729T138345_CO01 CS_OFFL_SIR_NOPR_2_20180729T313827_20180729T138346_CO01 CS_OFFL_SIR_NOPR_2_20180729T3131837_20180729T1353515_CO01 CS_OFFL_SIR_NOPR_2_20180729T3131837_20180729T1353515_CO01 CS_OFFL_SIR_NOPR_2_20180729T3131834_CO01 CS_OFFL_SIR_NOPR_2_20180729T3131834_CO01 CS_OFFL_SIR_NOPR_2_20180729T3131834_CO01 CS_OFFL_SIR_NOPR_2_20180729T3131834_CO01 CS_OFFL_SIR_NOPR_2_20180729T3131834_CO01 CS_OFFL_SIR_NOPR_2_201	CS_OFFL_SIR_NOPM_2_20180729T202413_20180729T203403_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T212633_20180729T212759_C001 CS_OFFL_SIR_NOPM_2_20180729T212633_20180729T221328_C001 CS_OFFL_SIR_NOPM_2_20180729T212002_20180729T221328_C001 CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T222555_C001 CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T222555_C001 CS_OFFL_SIR_NOPM_2_20180729T222024_20180729T222042_C001 CS_OFFL_SIR_NOPM_2_20180729T223002_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T223002_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T223242_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T232342_20180729T223619_C001 CS_OFFL_SIR_NOPM_2_20180729T23230312_20180729T2242424_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T330312_20180729T23046_C001 CS_OFFL_SIR_NOPM_2_20180729T330312_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T30312_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T353616_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T35616_20180729T3040942_C001 CS_OFFL_SIR_NOPM_2_20180729T35616_20180729T3040942_C001 CS_OFFL_SIR_NOPM_2_20180729T35616_20180729T040942_C001 CS_OFFL_SIR_NOPM_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T054149_C001 CCean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The loc Range Averaging Status Flag has been set for one or more records. The loc Range Averaging Status Flag has been set for one or more records. The loc Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Avera	CS_OFFL_SIR_NOPM_2_20180729T204138_20180729T204727_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T24002_20180729T224328_C001 CS_OFFL_SIR_NOPM_2_20180729T224032_20180729T222558_C001 CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T222042_C001 CS_OFFL_SIR_NOPM_2_20180729T223002_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T232022_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T223242_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T2330312_20180729T223019_C001 CS_OFFL_SIR_NOPM_2_20180729T2330312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T3133132_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T3153616_20180729T323242_C001 CS_OFFL_SIR_NOPM_2_20180729T3153616_20180729T35242_C001 CS_OFFL_SIR_NOPM_2_20180729T35616_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T04036_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T04042_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T08206_20180729T082141_C001 CS_OFFL_	CS_OFFL_SIR_NOPM_2_20180729T205017_20180729T211524_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T222558_C001 Ce Range Averaging Status The loc Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T235242_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Sta	CS_OFFL_SIR_NOPM_2_20180729T212633_20180729T212759_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T22302_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T22302_20180729T223042_C001 CS_OFFL_SIR_NOPM_2_20180729T223242_20180729T223619_C001 CS_OFFL_SIR_NOPM_2_20180729T223242_20180729T223619_C001 CS_OFFL_SIR_NOPM_2_20180729T223709_20180729T224424_C001 CS_OFFL_SIR_NOPM_2_20180729T2230312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T233132_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T233132_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T233142_C0180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CCS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CCS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CCS_OFFL_SIR_NOPR_2_20180729T138207_C001 CCS_OFFL_SIR_NOPR_2_20180729T138207_C001 CCS_OFFL_SIR_NOPR_2_20180729T138207_C001 CCS_OFFL_SIR_NOPR_2_20180729T138207_C001 CCS_OFFL_SIR_NOPR_2_20180729T138207_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_NOPM_2_20180729T214002_20180729T221328_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180729T223242_20180729T223619_C001 CS_OFFL_SIR_NOPM_2_20180729T223242_20180729T223619_C001 CS_OFFL_SIR_NOPM_2_20180729T223709_20180729T224424_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T231332_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T233132_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T333132_20180729T35242_C001 CS_OFFL_SIR_NOPM_2_20180729T040936_20180729T154224_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T05403533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T1318	CS_OFFL_SIR_NOPM_2_20180729T222043_20180729T222558_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180729T223742_20180729T224424_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T23070_C001 CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T2313312_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T2313312_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T231332_20180729T35242_C001 CS_OFFL_SIR_NOPM_2_20180729T33132_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CC_OCAN Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set	CS_OFFL_SIR_NOPM_2_20180729T223002_20180729T223042_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T2313132_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T153616_20180729T154224_C001 CS_OFFL_SIR_NOPM_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 COCEAN Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has b	CS_OFFL_SIR_NOPM_2_20180729T223242_20180729T223619_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_C001 CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T233132_20180729T235242_C001 CS_OFFL_SIR_NOPM_2_20180729T153616_20180729T154224_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T13182034_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T13182034_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T13182034_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T13182034_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T13182034_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T13182034_20180729T131834_C001 CCS_OFFL_SIR_NOPR_2_20180729T13182034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T133204_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T133204_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T133204_20180729T133646_20180729T135615_C001 CCS_OFFL_SIR_NOPR_2_20180729T133004_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T133004_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T133004_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T133004_20180729T135615_C001 CCS_OFFL_SIR_NOPR_2_20180729T133004_20180729T135615_C001 CCS	CS_OFFL_SIR_NOPM_2_20180729T223709_20180729T224424_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180729T153616_20180729T154224_C001 CS_OFFL_SIR_NOPM_2_20180729T153616_20180729T154224_C001 CS_OFFL_SIR_NOPM_2_20180729T153616_20180729T154224_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CCean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_NOPM_2_20180729T230312_20180729T230720_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPN_2_20180729T153616_20180729T154224_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T062036_20180729T0620414_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_NOPM_2_20180729T231634_20180729T232846_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001 CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T135546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCS_OFFL_SIR_NOPR_2_20180729	CS_OFFL_SIR_NOPM_2_20180729T233132_20180729T235242_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPR_2_20180729T08036_20180729T0804149_C001 CS_OFFL_SIR_NOPR_2_20180729T080533_20180729T063649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T153615_C001 CCCS_OFFL_SIR_NOPR_2_20180729T132034_20180729T153615_C001 CCCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCCS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001 CCCS_OFFL_SIR_	CS_OFFL_SIR_NOPN_2_20180729T153616_20180729T154224_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_NOPR_2_20180729T083533_20180729T083649_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_NOPR_2_20180729T040936_20180729T040942_C001	Ice Range Averaging Status	
CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132034_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132044_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132044_20180729T132037_	CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_NOPR_2_20180729T063533_20180729T063649_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPR_2_20180729T131827_c0180729T131834_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001 CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_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 records.	CS_OFFL_SIR_NOPR_2_20180729T082036_20180729T082141_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_NOPR_2_20180/291132024_20180/291132037_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_NOPR_2_20180729T131827_20180729T131834_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_NOPR_2_20180729T132024_20180729T132037_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_NOPR_2_20180729T153546_20180729T153615_C001	Ocean Range Averaging Status	

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors: 76

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180729T000754_20180729T004316_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_20180729T004710_20180729T005126_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T005144_20180729T005540_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T010028_20180729T013409_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_20180729T014624_20180729T020102_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_20180729T020543_20180729T020705_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_20180729T021405_20180729T022248_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_20180729T022507_20180729T023024_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T024101_20180729T025403_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_20180729T025617_20180729T031300_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_20180729T033537_20180729T034603_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS OFFI SID NORM 2 20490720T024742 20490720T040428 C004	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T034742_20180729T040136_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T040432_20180729T040935_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T040942_20180729T040953_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180729T041000_20180729T041114_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T042609_20180729T043009_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_20180729T043650_20180729T043954_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_20180729T044117_20180729T044813_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_20180729T052004_20180729T054016_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_20180729T054446_20180729T054852_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T054858_20180729T054907_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T055608_20180729T062151_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T065541_20180729T071936_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T072239_20180729T072806_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20180729T072812 20180729T073137 C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_201807291073523_201807291074607_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T075144_20180729T080725_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T082312_20180729T082820_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T083040_20180729T085214_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T085428_20180729T085909_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20180729T091538_20180729T094802_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_20180729T100052_20180729T100219_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_20180729T102245_20180729T103053_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_20180729T103113_20180729T103716_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_20180729T104215_20180729T104732_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T105432_20180729T111544_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_20180729T111829_20180729T113010_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_20180729T132245_20180729T132936_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR NOPM 2 20180729T132950 20180729T135408 C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL SIR NOPM 2 20180729T140344 20180729T140538 C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T140802_20180729T141029_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T141306_20180729T142906_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T142912_20180729T144120_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T145736_20180729T150135_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T150257_20180729T151842_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records.
CS_OFFL_SIR_NOPM_2_20180729T152735_20180729T153545_C001	Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T154224_20180729T154455_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T154520_20180729T154945_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T155236_20180729T160630_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_20180729T160810_20180729T161241_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_20180729T164458_20180729T165208_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_20180729T165331_20180729T171631_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_20180729T172007_20180729T172900_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T173211_20180729T175459_C001	SWH Averaging Status, Ocean	Tecords. The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T183001_20180729T185548_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T191139_20180729T193501_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T200355_20180729T201837_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T202413_20180729T203403_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180729T204138_20180729T204727_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T205017_20180729T211524_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180729T212633_20180729T212759_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20180729T214002_20180729T221328_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_20180729T222043_20180729T222558_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180729T223002_20180729T223042_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_20180729T223242_20180729T223619_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_20180729T223709_20180729T224424_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_20180729T230312_20180729T230720_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_20180729T231634_20180729T232846_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_20180729T233132_20180729T235242_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_20180729T040936_20180729T040942_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20180729T054016_20180729T054149_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_20180729T063533_20180729T063649_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_20180729T082036_20180729T082141_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_20180729T131827_20180729T131834_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_20180729T132024_20180729T132037_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_20180729T153546_20180729T153615_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:

52