



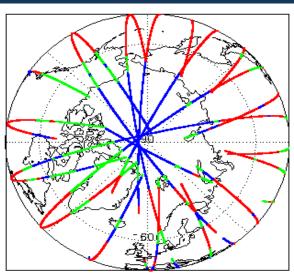
1. Overview

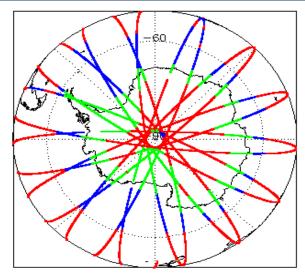
Report Production:	20-Jul-2018			
Processor Used:	CryoSat Ocean Processor			
Data Used:	Near Real Time Ocean Products (NOP) L1B & L2 Science Data			

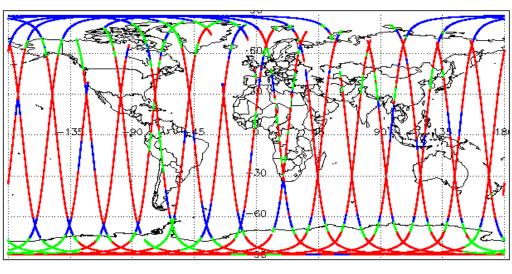
Check	L1 & L2
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	See Section 5.2
Auxiliary Data File Usage Check	Nominal
Auxiliary Correction Error Check	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7
Ocean Retracking Quality Check	See Section 5.8

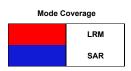
Mission / Instrument News		
18-Jul-2018	None	
19-Jul-2018	None	
20-Jul-2018	Nothing planned	

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:

Product		Description
CS_OFFL_SIR_NOPM1B_20180719T120002_20180719T120146_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_20180719T034743_20180719T035713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T032534_20180719T033045_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T042329_20180719T042942_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T050755_20180719T050931_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T150829_20180719T150950_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T154846_20180719T155444_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T165139_20180719T165359_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T195915_20180719T200015_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T231422_20180719T231549_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPN1B_20180719T232936_20180719T233011_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180719T092412_20180719T092740_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180719T120146_20180719T120315_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_NOPR1B_20180719T165007_20180719T165138_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: 0

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180719T120002_20180719T120146_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.

Commission of the Commission	Product	Test Failed	Description
Section	CS_OFFL_SIR_NOPM_2_20180719T002013_20180719T005530_C001	Ocean Range Averaging Status	
Comparison Com	CS_OFFL_SIR_NOPM_2_20180719T010124_20180719T010338_C001	Ice Range Averaging Status	
Control_Bis_Contro	CS_OFFL_SIR_NOPM_2_20180719T010345_20180719T010758_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Col. Phys. Dec. No. 12, 2018/27/10/2012 2018/27/10/2012 0019 2018/27/10/2012 2018/27	CS_OFFL_SIR_NOPM_2_20180719T011245_20180719T013833_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Company Annahogo State Proposition P	CS_OFFL_SIR_NOPM_2_20180719T014843_20180719T015016_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Cont. St., North. 2. 2010/1911/2010/2010/2010/2010/2010/2010/	CS OFFL SIR NOPM 2 20180719T015853 20180719T021313 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_CHT_SIT_LOON200071870058_2000718700591_C001 CS_CHT_SIT_LOON200071870058_2000718700591_C001 CS_CHT_SIT_LOON200071870058_2000718700591_C001 CS_CHT_SIT_LOON200071870058_2000718700591_C001 CS_CHT_SIT_LOON200071870058_2000718700591_C001 CS_CHT_SIT_LOON200071870058_2000718700591_C001 CS_CHT_SIT_LOON200071870059_2000718700591_C001 CS_CHT_SIT_LOON200071870059_2000718700591_C001 CS_CHT_SIT_LOON200071870059_2000718700591_C001 CS_CHT_SIT_LOON200071870059_2000718700591_C001 CS_CHT_SIT_LOON2000718700592_C000718700591_C001 CS_CHT_SIT_LOON2000718700592_C000718700591_C001 CS_CHT_SIT_LOON2000718700592_C000718700591_C001 CS_CHT_SIT_LOON2000718700592_C000718700591_C001 CS_CHT_SIT_LOON2000718700592_C000718700591_C001 CS_CHT_SIT_LOON2000718700592_C000718700592_C001 CS_CHT_SIT_LOON_			The Ocean Range Averaging Status Flag has been set for one or more
DE CIPPE SER MONTE 2 DISTORTISTACION CONTROLLATOR CONTROL			The Ocean Range Averaging Status Flag has been set for one or more
CEL CHILL DER NORM 2 INTERPRETATIONS 2010071071024012 COOL COOPER DER NORM 2 INTERPRETATIONS ADMONSTRATEGIST COOL COOPER DER NORM 2 2010071071035012 COOL COOPER DER NORM 2 20100710710000 COOLO COOPER DER NORM 2 20100710710000 COOL			
DE COPPE, SIR, NOPILE, 2 DESCRIPTIONES 2, 2019/19/1003-25. COTO COLOTE, SIR, NOPILE, 2 2019/19/10/2003-2003-2003-2003 COLOTE, SIR, NOPILE, 2 2019/19/10/2003-2003-2003-2003-2003-2003-2003-200			
Company (Company) (Company			
Copper_Bill_NorMid_2_pointer/introduce_gotient/introduce_gotient_color_color_color_color_color_bill_NorMid_2_pointer/introduce_gotient_color_color_color_bill_NorMid_2_pointer/introduce_gotient_color_color_color_bill_NorMid_2_pointer/introduce_gotient_color_color_bill_norMid_2_pointer/introduce_gotient_color_color_bill_norMid_2_pointer/introduce_gotient_color_color_bill_norMid_2_pointer/introduce_gotient_color_color_bill_norMid_2_pointer/introduce_gotient_color_bill_normid_2_pointer/introduce_gotient_color_bill_normid_2_pointer/introduce_gotient_color_bill_normid_2_pointer/introduce_gotient_color_bill_normid_2_pointer/introduce_gotient_color_bill_normid_2_poi			records.
SCOPPL_SR_NOWN_2_20160719701424_20160719701427_COID CO. OFFL_SR_NOWN_2_201607197014227_COID TO COID T	CS_OFFL_SIR_NOPM_2_20180719T030812_20180719T032534_C001	Ocean Range Averaging Status	records.
Court Sign, MONUL 2 20100119704212 201001197042 20100119704212 20100119704212 20100119704212 20100119704212 20100119704212 20100119704212 201001197042 2010042 201001197042 201001197042 201001197042 201001197042 2010042	CS_OFFL_SIR_NOPM_2_20180719T034743_20180719T035713_C001	Ocean Range Averaging Status	records.
SOUTH SENTENCE CONTROL CONTROL CONTROL CONTROL OF CONTROL CONT	CS_OFFL_SIR_NOPM_2_20180719T035916_20180719T041346_C001	Ocean Range Averaging Status	records.
Co. OFFL. SIR. NOPM 2_20180719703303_201897197035222_201807197035222_201807197035232_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_2018071970352_20180	CS_OFFL_SIR_NOPM_2_20180719T041642_20180719T042137_C001	Ice Range Averaging Status	records.
SCOPPL_SIR_NOPM2_2018071970190292_2018071970190192_2018071970190292_2018071970190192_2018071970190192_2018071970190192_2018071970190192_2018071970190192_2018071970190192_2018071970190192_2018071970190192_2018071970190192_2018071970190190192_2018071970190192_2018071970190192_2018071970190192_20180719701910190192_2018071970190192_2018071970190192_20180719701910190192_2018071970190192_2018071970190192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910191_20180719701910192_20180719701910192_20180719701910191_20180719701910192_20180719701910192_20180719701910192_201807197019101910191_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910192_20180719701910191019101910191019101910191019	CS_OFFL_SIR_NOPM_2_20180719T042212_20180719T042329_C001	Ice Range Averaging Status	records.
SCOPEL_SIR_NOPM2_201807197090252_0180797090418_0001 CS_OFFL_SIR_NOPM2_201807197090252_0180797090418_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070418_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070418_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070418_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070405_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070405_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070405_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070405_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070405_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070405_0001 CS_OFFL_SIR_NOPM2_201807197090028_079070405_0001 CS_OFFL_SIR_NOPM2_20180719709000000000000000000000000000000	CS_OFFL_SIR_NOPM_2_20180719T043039_20180719T043222_C001	Ocean Range Averaging Status	records.
Sec. OFFL., SN. NOPM 2, 20180719705026, 201807197064196, CO01 CS_OFFL_SR_NOPM_2 2018071970700_201807197064196, CO01 CS_OFFL_SR_NOPM_2 2018071970700_2018071970705_CO01 CS_OFFL_SR_NOPM_2 2018071970700_2018071970706_CO01 CS_OFFL_SR_NOPM_2 2018071970700_2018071970706_CO01 CS_OFFL_SR_NOPM_2 2018071970700_2018071970706_CO01 CS_OFFL_SR_NOPM_2 2018071970700_2018071970706_CO01 CS_OFFL_SR_NOPM_2 2018071970700_2018071970706_CO01 CS_OFFL_SR_NOPM_2 2018071970700_2018071970706_CO01 CS_OFFL_SR_NOPM_2 20180719707070_20180719707060_CO01 CS_OFFL_SR_NOPM_2 201807197070702_20180719707060_CO01 CS_OFFL_SR_NOPM_2 201807197070702_20180719707060_CO01 CS_OFFL_SR_NOPM_2 201807197070702_20180719707060_CO01 CS_OFFL_SR_NOPM_2 2018071970707072_CO010070707060_CO01 CS_OFFL_SR_NOPM_2 2018071970707072_CO010070707060_CO01 CS_OFFL_SR_NOPM_2 2018071970707072_CO010070707060_CO010070707070707070707070707070707070707	CS_OFFL_SIR_NOPM_2_20180719T044911_20180719T050038_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_2018071970700_20180719707400_COID CS_OFFL_SIR_NOPM_2_2018071970700_20180719707400_COID CS_OFFL_SIR_NOPM_2_2018071970700_20180719707400_COID CS_OFFL_SIR_NOPM_2_20180719707400_20180719707400_COID CS_OFFL_SIR_NOPM_2_20180719707400_20180719707400_COID CS_OFFL_SIR_NOPM_2_20180719707400_201807197074800_COID CS_OFFL_SIR_NOPM_2_20180719707400_201807197074800_COID CS_OFFL_SIR_NOPM_2_20180719707400_201807197074800_COID CS_OFFL_SIR_NOPM_2_20180719707400_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719707400_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719707400_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719708400_COID CS_OFFL_SIR_NOPM_2_20180719709400_COID CS_OFFL_SIR_NOPM_2_20180719709400_COID CS_OFFL_SIR_NOPM_2_20180719709400_COID CS_OFFL_SIR_NOPM_2_20180719709400_COID CS_OFFL_SIR_NOPM_2_201807197109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR_NOPM_2_2018071971109400_COID CS_OFFL_SIR	CS_OFFL_SIR_NOPM_2_20180719T053725_20180719T055242_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_2018071970700_20187191073190_C001 CS_OFFL_SIR_NOPM_2_2018071970700_20187191073190_C001 CS_OFFL_SIR_NOPM_2_2018071970700_2018719707400_C001 CS_OFFL_SIR_NOPM_2_2018071970700_2018719707400_C001 CS_OFFL_SIR_NOPM_2_20180719707400_201807197074010_C001 CS_OFFL_SIR_NOPM_2_20180719707400_201807197074010_C001 CS_OFFL_SIR_NOPM_2_20180719707400_201807197074010_C001 CS_OFFL_SIR_NOPM_2_20180719707400_201807197074010_C001 CS_OFFL_SIR_NOPM_2_20180719707400_C001 CS_OFFL_SIR_NOPM_2_20180719707400_C001 CS_OFFL_SIR_NOPM_2_20180719707400_C001 CS_OFFL_SIR_NOPM_2_20180719707400_C001 CS_OFFL_SIR_NOPM_2_20180719707400_C001 CS_OFFL_SIR_NOPM_2_20180719708445_C001 CS_OFFL_SIR_NOPM_2_20180719708457_C01807197007226_C001 CS_OFFL_SIR_NOPM_2_20180719708457_C01807197007226_C001 CS_OFFL_SIR_NOPM_2_20180719708457_C01807197100940_C001 CS_OFFL_SIR_NOPM_2_20180719710404_C001 CS_OFFL_SIR_NOPM_2_20180719710404_C001 CS_OFFL_SIR_NOPM_2_20180719710404_C001 CS_OFFL_SIR_NOPM_2_20180719710404_C001 CS_OFFL_SIR_NOPM_2_20180719710404_C001 CS_OFFL_SIR_NOPM_2_20180719710404_C001 CS_OFFL_SIR_NOPM_2_201807197110404_C001 CS_OFFL_SIR_NOPM_2_201807197112405_C001 CS_OFFL_SIR_NOPM_2_201807197112405_C	CS_OFFL_SIR_NOPM_2_20180719T055625_20180719T060104_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_2018071970700_018071970740S_C001 CS_OFFL_SIR_NOPM_2_20180719707500_2018071970740S_C001 CS_OFFL_SIR_NOPM_2_20180719707400_018071970740B_C001 CS_OFFL_SIR_NOPM_2_20180719707400_018071970740B_C001 CS_OFFL_SIR_NOPM_2_20180719707400_018071970740B_C001 CS_OFFL_SIR_NOPM_2_20180719707400_018071970740B_C001 CS_OFFL_SIR_NOPM_2_201807197074702_2018071970740B_C001 CS_OFFL_SIR_NOPM_2_201807197074702_2018071970740B_C001 CS_OFFL_SIR_NOPM_2_201807197074702_2018071970740B_C001 CS_OFFL_SIR_NOPM_2_201807197080354_20180719708140_C001 CS_OFFL_SIR_NOPM_2_201807197080457_2018071970911040_C001 CS_OFFL_SIR_NOPM_2_2018071970816_2018071970911040_C001 CS_OFFL_SIR_NOPM_2_2018071970810_2018071970911040_C001 CS_OFFL_SIR_NOPM_2_201807197091092740_2018071971010545_C001 CS_OFFL_SIR_NOPM_2_20180719710937_2018071971010545_C001 CS_OFFL_SIR_NOPM_2_201807197101037_2018071971101055_C001 CS_OFFL_SIR_NOPM_2_201807197101057_201807107110555_C001 CS_OFFL_SIR_NOPM_2_2018071971011055_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110545_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110545_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110555_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110555_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110555_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110555_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110555_201807197110555_C001 CS_OFFL_SIR_NOPM_2_201807197110555_201807197110555_C001 CS_OFFL_SIR	CS_OFFL_SIR_NOPM_2_20180719T060826_20180719T064158_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180719707400_20180719707405_C001 CS_OFFL_SIR_NOPM_2_20180719707400_20180719707439_C001 CS_OFFL_SIR_NOPM_2_201807197074224_00180719707439_C001 CS_OFFL_SIR_NOPM_2_201807197074224_00180719707439_C001 CS_OFFL_SIR_NOPM_2_201807197074224_00180719707439_C001 CS_OFFL_SIR_NOPM_2_201807197074224_00180719707439_C001 CS_OFFL_SIR_NOPM_2_20180719707439_C001 CS_OFFL_SIR_NOPM_2_20180719707459_C001 CS_OFFL_SIR_NOPM_2_20180719707459_C001 CS_OFFL_SIR_NOPM_2_20180719707459_C001 CS_OFFL_SIR_NOPM_2_20180719709459_C0180719709124_C001 CS_OFFL_SIR_NOPM_2_20180719709459_C0180719709124_C001 CS_OFFL_SIR_NOPM_2_20180719709459_C0180719709124_C001 CS_OFFL_SIR_NOPM_2_20180719709459_C0180719709124_C001 CS_OFFL_SIR_NOPM_2_20180719709459_C0180719709125_C001 CS_OFFL_SIR_NOPM_2_20180719709459_C0180719709459_C001 CS_OFFL_SIR_NOPM_2_20180719709459_C0180719709459_C001 CS_OFFL_SIR_NOPM_2_201807197109459_C0180719710952_C0180719709459_C018071	CS_OFFL_SIR_NOPM_2_20180719T070700_20180719T073150_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPML_2_20180719T074028_20180719T074018_C001 CS_OFFL_SIR_NOPML_2_20180719T074024_20180719T075820_C001 CS_OFFL_SIR_NOPML_2_20180719T07422_20180719T075820_C001 CS_OFFL_SIR_NOPML_2_20180719T07422_20180719T075820_C001 CS_OFFL_SIR_NOPML_2_20180719T07422_20180719T075820_C001 CS_OFFL_SIR_NOPML_2_20180719T09455_20180719T094134_C001 CS_OFFL_SIR_NOPML_2_20180719T09455_20180719T091918_C001 CS_OFFL_SIR_NOPML_2_20180719T09455_20180719T091918_C001 CS_OFFL_SIR_NOPML_2_20180719T094522_20180719T091918_C001 CS_OFFL_SIR_NOPML_2_20180719T094522_20180719T091918_C001 CS_OFFL_SIR_NOPML_2_20180719T094527_20180719T091918_C001 CS_OFFL_SIR_NOPML_2_20180719T094527_20180719T091918_C001 CS_OFFL_SIR_NOPML_2_20180719T094527_20180719T0919225_C001 CS_OFFL_SIR_NOPML_2_20180719T094527_20180719T09458_C001 CS_OFFL_SIR_NOPML_2_20180719T0452_20180719T10553_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T10553_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T105479_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T105479_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T105479_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T105479_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T105479_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T105479_C001 CS_OFFL_SIR_NOPML_2_20180719T10445_20180719T115460_C001 CS_OFFL_SIR_NOPML_2_20180719T115440_20180719T115460_C001 CS_OFFL_SIR_NOPML_2_20180719T115455_20180719T115460_C001 CS_OFFL_SIR_NOPML_2_20180719T115455_20180719T115460_C001 CS_OFFL_SIR_NOPML_2_20180719T114255_20180719T1142840_C001 CS_OFFL_SIR_NOPML_2_20180719T114255_20180719T1142840_C001 CS_OFFL_SIR_NOPML_2_20180719T114255_20180719T1142840_C001 CS_OFFL_SIR_NOPML_2_20180719T114255_20180719T1142840_C001 CS_OFFL_SIR_NOPML_2_20180719T114255_20180719T1142840_C001 CS_OFFL_SIR_NOPML_2_20180719T14255_20180719T133843_C001 CS_OFFL_SIR_NOPML_2_20180719T14255_20180719T133843_C001 CS_OFFL_SIR_NOPML_2_20180719T14255_20180719T133843_C001 CS_OFFL_SIR_NOPML_2_20180719T14255_20180719T133843_C001 CS_OFFL_SIR_NOPML_2_20180719T1425	CS_OFFL_SIR_NOPM_2_20180719T073500_20180719T074005_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180719T074024_20180719T075820_C001 CS_OFFL_SIR_NOPM_2_20180719T080354_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T080354_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T080354_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T08457_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T08457_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T08457_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T08457_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T08457_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T082740_20180719T081348_C001 CS_OFFL_SIR_NOPM_2_20180719T082740_20180719T081918_C001 CS_OFFL_SIR_NOPM_2_20180719T082740_20180719T010583_C001 CS_OFFL_SIR_NOPM_2_20180719T104542_20180719T10584_C001 CS_OFFL_SIR_NOPM_2_20180719T104542_20180719T10584_C001 CS_OFFL_SIR_NOPM_2_20180719T105422_20180719T10584_C001 CS_OFFL_SIR_NOPM_2_20180719T105422_20180719T105844_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112545_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112545_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112644_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112644_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112644_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112644_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112645_C001 CS_OFFL_SIR_NOPM_2_20180719T112632_20180719T112645_C001 CS_OFFL_SIR_NOPM_2_20180719T12632_20180719T112645_C001 CS_OFFL_SIR_NOPM_2_20180719T12632_20180719T132645_C001 CS_O	CS OFFL SIR NOPM 2 20180719T074008 20180719T074018 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180719T094724_20180719T095820_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T080354_20180719T081142_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T084457_20180719T091124_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T094132_20180719T091191_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T094122_20180719T0912254_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T09412_20180719T09402_C001 Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T097_20180719T101552_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T106442_20180719T110594_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. CS_OFFL_SIR_NOPM_2_20180719T110647_20180719T11264_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 Averagi		Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180719T080354_20180719T081454_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 Ione Range Averaging Status Flag has been set for one or more records. The Ione Range Averaging Status Flag has been set for one or more records. The Ione Range Averaging Status Flag has been set for one or more records. The Ione Range Averaging Status Flag has been set for one or more records. The Ione Range Averaging Status Flag has been set for one or more records. The Ione Range Averaging Status Flag has been set for one or more records. The Ione 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			
CS_OFFL_SIR_NOPM_2_20180719T081518_20180719T09124_C001 Coean Range Averaging Status Coean Rang			
CS_OFFL_SIR_NOPM_2_2018071971094425 2018071971091124_C001 Cean Range Averaging Status The Cocan Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_2018071971090124_201807197109198_C001 CS_OFFL_SIR_NOPM_2_20180719710924_2018071971092254_C001 CS_OFFL_SIR_NOPM_2_201807197109274_2018071971092254_C001 CS_OFFL_SIR_NOPM_2_201807197109374_2018071971092254_C001 CS_OFFL_SIR_NOPM_2_201807197109374_201807197109254_C001 CS_OFFL_SIR_NOPM_2_20180719710937_20180719710937_201807197104729_C001 CS_OFFL_SIR_NOPM_2_20180719710453_201807197104729_C001 CS_OFFL_SIR_NOPM_2_20180719710453_201807197104729_C001 CS_OFFL_SIR_NOPM_2_201807197104453_201807197104729_C001 CS_OFFL_SIR_NOPM_2_201807197104722_C01807197104729_C001 CS_OFFL_SIR_NOPM_2_201807197104722_C01807197114724_C001 CS_OFFL_SIR_NOPM_2_201807197110447_201807197114724_C001 CS_OFFL_SIR_NOPM_2_201807197110447_201807197114724_C001 CS_OFFL_SIR_NOPM_2_201807197110497_201807197114724_C001 CS_OFFL_SIR_NOPM_2_201807197110497_201807197114724_C001 CS_OFFL_SIR_NOPM_2_20180719711146_201807197114724_C001 CS_OFFL_SIR_NOPM_2_20180719711146_2018071971147114729_C001 CS_OFFL_SIR_NOPM_2_201807197111146_201807197114714140_C001 CS_OFFL_SIR_NOPM_2_201807197111146_20180719711471444_C001 CS_OFFL_SIR_NOPM_2_201807197112145_201807197112444_C001 CS_OFFL_SIR_NOPM_2_201807197112145_201807197112843_C001 CS_OFFL_SIR_NOPM_2_201807197121455_201807197112843_C001 CS_OFFL_SIR_NOPM_2_201807197112455_201807197122843_C001 CS_OFFL_SIR_NOPM_2_20180719712455_201807197123843_C001 CS_OFFL_SIR_NOPM_2_20180719712455_201807197123843_C001 CS_OFFL_SIR_NOPM_2_201807197124655_20180719712380_C001 CS_OFFL_SIR_NOPM_2_201807197124655_201807197132380_C001 CS_OFFL_SIR_NOPM_2_20180719713380_20180719713280_C001 CS_OFFL_SIR_NOPM_2_20180719713380_20180719713280_C001 CS_OFFL_SIR_NOPM_2_20180719713380_20180719713280_C001 CS_OFFL_SIR_NOPM_2_20180719713380_20180719713280_C001 CS_OFFL_SIR_NOPM_2_20180719713380_C01807197132800_C01807197133800_C01807197133800_C01807197133800_C0180			*** **
CS_OFFL_SIR_NOPM_2_20180719T091438_20180719T1091918_C001 CS_OFFL_SIR_NOPM_2_20180719T092254_C001 CS_OFFL_SIR_NOPM_2_20180719T092740_20180719T100040_C001 CS_OFFL_SIR_NOPM_2_20180719T092740_20180719T100040_C001 CS_OFFL_SIR_NOPM_2_20180719T10307_20180719T100040_C001 CS_OFFL_SIR_NOPM_2_20180719T104052_C010 CS_OFFL_SIR_NOPM_2_20180719T104052_C010 CS_OFFL_SIR_NOPM_2_20180719T104052_20180719T104729_C001 CS_OFFL_SIR_NOPM_2_20180719T104052_20180719T105944_C001 CS_OFFL_SIR_NOPM_2_20180719T104052_20180719T105944_C001 CS_OFFL_SIR_NOPM_2_20180719T104052_20180719T105944_C001 CS_OFFL_SIR_NOPM_2_20180719T104052_20180719T105944_C001 CS_OFFL_SIR_NOPM_2_20180719T104052_20180719T105944_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112506_C001 CS_OFFL_SIR_NOPM_2_20180719T1104052_20180719T112506_C001 CS_OFFL_SIR_NOPM_2_20180719T1104055_20180719T112506_C001 CS_OFFL_SIR_NOPM_2_20180719T12056_C001 CS_OFFL_SIR_NOPM_2_20180719T12056_C001 CS_OFFL_SIR_NOPM_2_20180719T12056_C010 CS_OFFL_SIR_NOPM_2_20180719T112056_C010 CS_OFFL_SIR_NOPM_2_20180719T112056_C010 CS_OFFL_SIR_NOPM_2_20180719T112056_C010 CS_OFFL_SIR_NOPM_2_20180719T110506_C010 CS_OFFL_SIR_NOPM_2_20180719T110506_C0180719T10506_C010			records.
CS_OFFL_SIR_NOPM_2_201807197091921_2018071971009224_C001 CS_OFFL_SIR_NOPM_2_20180719709274_20180719710004_C001 CS_OFFL_SIR_NOPM_2_201807197101307_201807197101505_C001 CS_OFFL_SIR_NOPM_2_20180719710453_20180719710476_C001 CS_OFFL_SIR_NOPM_2_20180719710453_201807197105924_C001 CS_OFFL_SIR_NOPM_2_20180719710453_201807197105944_C001 CS_OFFL_SIR_NOPM_2_20180719710642_201807197105944_C001 CS_OFFL_SIR_NOPM_2_201807197110647_201807197105944_C001 CS_OFFL_SIR_NOPM_2_201807197110647_2018071971105942_C001 CS_OFFL_SIR_NOPM_2_201807197110647_201807197112764_C001 CS_OFFL_SIR_NOPM_2_2018071971110647_201807197112764_C001 CS_OFFL_SIR_NOPM_2_2018071971110647_2018071971127_C001 CS_OFFL_SIR_NOPM_2_2018071971113039_20180719711421_C001 CS_OFFL_SIR_NOPM_2_201807197112164_C001 CS_OFFL_SIR_NOPM_2_201807197112164_C001 CS_OFFL_SIR_NOPM_2_2018071971121632_018071971121644_C001 CS_OFFL_SIR_NOPM_2_2018071971121632_01807197121644_C001 CS_OFFL_SIR_NOPM_2_201807197121632_01807197121643_C001 CS_OFFL_SIR_NOPM_2_201807197121632_01807197122843_C001 CS_OFFL_SIR_NOPM_2_201807197121632_0180719712280_C001 CS_OFFL_SIR_NOPM_2_201807197121632_0180719712280_C001 CS_OFFL_SIR_NOPM_2_201807197123432_0180719712343_C001 CS_OFFL_SIR_NOPM_2_201807197123455_0180719712380_C001 CS_OFFL_SIR_NOPM_2_201807197124555_0180719712280_C001 CS_OFFL_SIR_NOPM_2_201807197124555_01807197123056_C001 CS_OFFL_SIR_NOPM_2_201807197124555_01807197132056_C001 CS_OFFL_SIR_NOPM_2_2018071971425105_0180719714051_C001 Coean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more			
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CS_OFFL_SIR_NOPM_2_20180719T104435_20180719T105944_C001 CS_OFFL_SIR_NOPM_2_20180719T105422_0180719T112754_C001 CS_OFFL_SIR_NOPM_2_20180719T110542_20180719T112754_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_NOPM_2_20180719T115154_20180719T121844_C001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20180719T12155_20180719T122843_C001 Ocean Range Averaging Status CS_OFFL_SIR_NOPM_2_20180719T124322_20180719T123843_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. CS_OFFL_SIR_NOPM_2_20180719T125455_20180719T13280_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T143566_20180719T140621_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 S	CS_OFFL_SIR_NOPM_2_20180719T101307_20180719T101553_C001	Ocean Range Averaging Status	records.
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CS_OFFL_SIR_NOPM_2_20180719T11034_20180719T1142_C001 CS_OFFL_SIR_NOPM_2_20180719T115146_20180719T1142_C001 CS_OFFL_SIR_NOPM_2_20180719T115146_20180719T12155_C001 CS_OFFL_SIR_NOPM_2_20180719T121155_20180719T121644_C001 CS_OFFL_SIR_NOPM_2_20180719T121155_20180719T122843_C001 CS_OFFL_SIR_NOPM_2_20180719T12322_20180719T123843_C001 CS_OFFL_SIR_NOPM_2_20180719T123422_20180719T123843_C001 CS_OFFL_SIR_NOPM_2_20180719T124555_20180719T123843_C001 CS_OFFL_SIR_NOPM_2_20180719T125105_20180719T123843_C001 CS_OFFL_SIR_NOPM_2_20180719T125105_20180719T123843_C001 CS_OFFL_SIR_NOPM_2_20180719T125105_20180719T123208_C001 CS_OFFL_SIR_NOPM_2_20180719T125105_20180719T140621_C001 CS_OFFL_SIR_NOPM_2_20180719T142102_20180719T140621_C001 CS_OFFL_SIR_NOPM_2_20180719T142102_20180719T14215_C001 CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T145015_020180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T145015_020180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T145519_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T145519_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T145519_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T145519_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T150950_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T150950_20180719T	CS_OFFL_SIR_NOPM_2_20180719T105422_20180719T105944_C001	Ice Range Averaging Status	records.
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CS_OFFL_SIR_NOPM_2_20180719T121832_20180719T122843_C001 CS_OFFL_SIR_NOPM_2_20180719T123422_20180719T123843_C001 Loe Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for o	CS_OFFL_SIR_NOPM_2_20180719T121155_20180719T121644_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_NOPM_2_20180719T123422_20180719T123843_C001 Ice Range Averaging Status CS_OFFL_SIR_NOPM_2_20180719T124555_20180719T125056_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_NOPM_2_20180719T133656_20180719T140621_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range	CS_OFFL_SIR_NOPM_2_20180719T121832_20180719T122843_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
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CS_OFFL_SIR_NOPM_2_20180719T125105_20180719T132208_C001 CS_OFFL_SIR_NOPM_2_20180719T133656_20180719T140621_C001 CS_OFFL_SIR_NOPM_2_20180719T142102_20180719T142215_C001 CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T142215_C001 CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T14212_C001 CS_OFFL_SIR_NOPM_2_20180719T14453_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T144653_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T144653_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T150950_20180719T151309_C001 CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T155338_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T155338_20180719T154751_C0	CS_OFFL_SIR_NOPM_2_20180719T124555_20180719T125056_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180719T133656_20180719T140621_C001 CS_OFFL_SIR_NOPM_2_20180719T142102_20180719T142215_C001 CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T142215_C001 CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T144653_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T144653_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T150950_20180719T151309_C001 CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T1553306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T1553306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T1553306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T1553306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T1553306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T1553306_20180719T154751_C001 CS_OFFL_SIR_NOPM_3_20180719T1553306_20180719T154751_C001 CS_OFFL_SIR_NOPM_3_20180719T1553306_20180719T154059_C001 CS_OFFL_SIR_NOPM_3_20180719T1553306_20180719T154059_C001 CS_OFFL_SIR_NOPM_3_20180719T1553306_20180719T154059_C001 CS_OFFL_SIR_NOPM_3_20180719T1553306_20180719T154059_C001 CS_OFFL_SIR_NOPM_3_20180719T15			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180719T142102_20180719T142215_C001 Ice Range Averaging Status CS_OFFL_SIR_NOPM_2_20180719T142519_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T144653_20180719T144212_C001 CS_OFFL_SIR_NOPM_2_20180719T144653_20180719T145401_C001 CS_OFFL_SIR_NOPM_2_20180719T150950_20180719T151309_C001 CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_C001 CS_OFFL_SIR_NOPM_2_20180719T15306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T15306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_20180719T155738_20180719T154751_C001 CS_OFFL_SIR_NOPM_2_201807			The Ocean Range Averaging Status Flag has been set for one or more
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CS_OFFL_SIR_NOPM_2_20180719T150950_20180719T15305_C001 CS_OFFL_SIR_NOPM_2_20180719T153050_C001 CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_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.			records.
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CS_OFFL_SIR_NOPM_2_20180/191153306_20180/191154/51_C001 Ocean Range Averaging Status records. The Ice Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_NOPM_2_20180719T153306_20180719T154751_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_NOPM_2_20180719T155738_20180719T160159_C001	Ice Range Averaging Status	

CS_OFFL_SIR_NOPM_2_20180719T160435_20180719T161841_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T162020_20180719T163559_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T165711_20180719T170420_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T170542_20180719T170855_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T171401_20180719T172831_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T173232_20180719T174106_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T174424_20180719T180609_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T183425_20180719T190805_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T191430_20180719T191909_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T192405_20180719T194844_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T202052_20180719T203047_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T203625_20180719T204618_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T205348_20180719T205942_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T210232_20180719T212041_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T212044_20180719T212914_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T213835_20180719T214008_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T215219_20180719T222530_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T223255_20180719T223813_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T224156_20180719T224253_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T224452_20180719T224631_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T231549_20180719T231944_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T232914_20180719T232936_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T233011_20180719T234055_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T234341_20180720T000455_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180719T015017_20180719T015131_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180719T074018_20180719T074024_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180719T164754_20180719T165006_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180719T170420_20180719T170542_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180719T191910_20180719T192126_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180719T205124_20180719T205347_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20180719T210110_20180719T210231_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_NOPM_2_20180719T002013_20180719T005530_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_20180719T010345_20180719T010758_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T011245_20180719T013833_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_20180719T014843_20180719T015016_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T015853_20180719T021313_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_20180719T021936_20180719T023449_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_20180719T023717_20180719T024237_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T024256_20180719T024503_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T025351_20180719T030613_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_20180719T030812_20180719T032534_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_20180719T034743_20180719T035713_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_20180719T035916_20180719T041346_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

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CS_OFFL_SIR_NOPM_2_20180719T041642_20180719T042137_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T042154_20180719T042205_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T043039_20180719T043222_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180719T044911_20180719T050038_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_20180719T053725_20180719T055242_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20180719T055625_20180719T060104_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T060826_20180719T064158_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_20180719T070700_20180719T073150_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T074024_20180719T074349_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	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_20180719T074724_20180719T075820_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_20180719T080354_20180719T081348_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20180719T081518_20180719T081841_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_20180719T084457_20180719T091124_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_20180719T091438_20180719T091918_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T091921_20180719T092254_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS OFFL SIR NOPM 2 20180719T092740 20180719T100040 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_20180719T101307_20180719T101553_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20180719T104453_20180719T104729_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_20180719T105422_20180719T105944_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T110647_20180719T112754_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_20180719T113039_20180719T114212_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180719T115146_20180719T115556_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_20180719T121155_20180719T121644_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_20180719T121832_20180719T122843_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20180719T123422_20180719T123843_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T124555_20180719T125056_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_20180719T125105_20180719T132208_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_20180719T133656_20180719T140621_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_20180719T142519_20180719T144212_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_20180719T144653_20180719T145401_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180719T150950_20180719T151309_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180719T151521_20180719T153052_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_20180719T153306_20180719T154751_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_NOPM_2_20180719T155738_20180719T160159_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_NOPM_2_20180719T160435_20180719T161841_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_20180719T162020_20180719T163559_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_20180719T165711_20180719T170420_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_20180719T170542_20180719T170855_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180719T171401_20180719T172831_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_20180719T173232_20180719T174106_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180719T174424_20180719T180609_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_20180719T183425_20180719T190805_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_NOPM_2_20180719T191430_20180719T191909_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T192405_20180719T194844_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_20180719T202052_20180719T203047_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_20180719T203625_20180719T204618_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_20180719T205348_20180719T205942_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T210232_20180719T212041_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_NOPM_2_20180719T212044_20180719T212914_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_20180719T213835_20180719T214008_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_20180719T215219_20180719T222530_C001	Backscatter Averaging Status	more records.

CS_OFFL_SIR_NOPM_2_20180719T223255_20180719T223813_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPM_2_20180719T224452_20180719T224631_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_20180719T231549_20180719T231944_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_20180719T233011_20180719T234055_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_20180719T234341_20180720T000455_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_NOPN_2_20180719T015017_20180719T015131_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_NOPN_2_20180719T074018_20180719T074024_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPN_2_20180719T164754_20180719T165006_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_NOPN_2_20180719T170420_20180719T170542_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_NOPN_2_20180719T191910_20180719T192126_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_NOPN_2_20180719T205124_20180719T205347_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_NOPR_2_20180719T210110_20180719T210231_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:

-