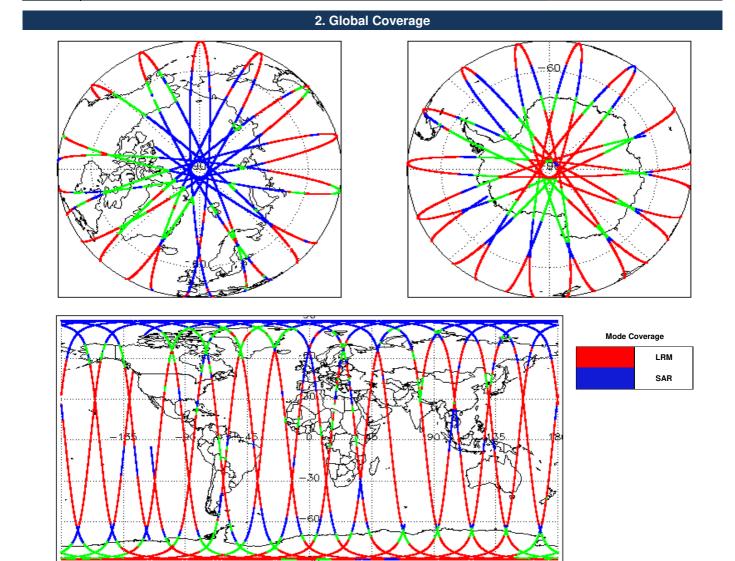


IDEAS+ Daily Report for IOP data:

25/12/2018

1. Overview				
		Check	L1 & L2	P2P
Report Production:	07-Jan-2019	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Dreeseer Lleed.		Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
Data Used:	Intermediate Ocean Products (IOP)	Product Format Check	Nominal	Nominal
Data Useu:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	Nominal	Nominal
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
		Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

N	Mission / Instrument News				
	24-Dec-2018	None			
	25-Dec-2018	None			
	26-Dec-2018	Nothing planned			



3. Instrument Configuration

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

SIRAL instrument(s) in use:

SIRAL - A

4. IOP 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:

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. Number of products with errors: 0

0

4.3 L1B Auxilary Data File Usage Check					
Each product is checked for missing Data Set Descriptors with respect to a pr	e-determined baseline and also to c	heck the validity of Auxiliary Data Files is correct.			
Number of products with errors: 0					
4.4 L1B Auxiliary Correction Error Check					
CryoSat L1B data includes a correction error flag for each measurement recor	d. The bit value of this flag indicates	any problems when set.			
Number of products with errors: 0					
4.5 L1B Measurement Confidence Data Check					
CryoSat L1B data includes a measurement confidence flag for each measurer	nent record. The bit value of this flag	j indicates any problems when set.			
Attitude Correction Missing: This flag is currently set in error for IOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.					
Number of products with errors: 2	-				
Product	Test Failed	Description			
CS OFFL SIR IOPM1B 20181225T090528 20181225T091347 C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more			

records

records

There is an error in the scaling of the L1B waveform for one or more

Power scaling error

Power scaling error

4.6 L1B Waveform Group Data Check

CS_OFFL_SIR_IOPM1B_20181225T090528_20181225T091347_C001

CS_OFFL_SIR_IOPM1B_20181225T105051_20181225T105509_C001

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.

21

Number of products with errors:

CS_OFFL_SIR_IOPM1B_20181225T075237_20181225T080855_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPM1B_20181225T174953_20181225T181503_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPM1B_20181225T194625_20181225T200127_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T005813_20181225T010231_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T01013_20181225T01049_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T060744_20181225T061135_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T092857_20181225T092812_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T153710_20181225T15383_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T141558_20181225T153853_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T173422_20181225T13657_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T173422_20181225T173657_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T173422_20181225T173657_C001Loss of EchoThe tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPM1B_20181225T005813_20181225T00127_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T005813_20181225T010231_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T01013_20181225T011049_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T060744_20181225T061135_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T092557_20181225T092812_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T141558_20181225T153853_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T153710_20181225T153853_C001Loss of EchoThe tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T005813_20181225T010231_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T011013_20181225T011049_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T060744_20181225T061135_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T092557_20181225T092812_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T153710_20181225T153853_C001Loss of EchoThe tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T011013_20181225T011049_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T060744_20181225T061135_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T092557_20181225T092812_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001Loss of EchoThe tracking echo is missing for one or more recordsCS_OFFL_SIR_IOPN1B_20181225T153710_20181225T153853_C001Loss of EchoThe tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T060744_20181225T061135_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_IOPN1B_20181225T092557_20181225T092812_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_IOPN1B_20181225T153710_20181225T153853_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T092557_20181225T092812_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_IOPN1B_20181225T153710_20181225T153853_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T141558_20181225T141638_C001 Loss of Echo The tracking echo is missing for one or more records CS_OFFL_SIR_IOPN1B_20181225T153710_20181225T153853_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T153710_20181225T153853_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T173422_20181225T173657_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T183228_20181225T183413_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T191121_20181225T191539_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T191646_20181225T191753_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T201535_20181225T201702_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPN1B_20181225T205122_20181225T205650_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPR1B_20181225T020202_20181225T020523_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPR1B_20181225T034041_20181225T034407_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPR1B_20181225T082039_20181225T082438_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPR1B_20181225T114548_20181225T114813_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPR1B_20181225T150410_20181225T150736_C001 Loss of Echo The tracking echo is missing for one or more records	
CS_OFFL_SIR_IOPR1B_20181225T174725_20181225T174930_C001 Loss of Echo The tracking echo is missing for one or more records	

5. IOP Level 2 Data Quality Checl

5.1 L2 Product Format Check

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

5.2 L2 Product Header Analysis

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

Number of products with errors: 5.3 L2 Auxiliary Data File Usage Check Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Number of products with errors: 5.4 L2 Auxiliary Correction Error Check For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). Number of products with errors: 0 5.5 L2 Measurement Confidence Data Check CryoSat L2 data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. Number of products with errors: 2 Test Failed Product Description

CS_OFFL_SIR_IOPM_2_20181225T090528_20181225T091347_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. 84

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20181225T002544_20181225T003613_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T004151_20181225T005813_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T012231_20181225T014053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T014446_20181225T014927_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T015255_20181225T020049_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T020524_20181225T023758_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T031330_20181225T032744_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T033226_20181225T033739_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T034408_20181225T040551_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T040836_20181225T041813_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T042924_20181225T043031_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T043131_20181225T043238_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T044839_20181225T045447_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T045634_20181225T050702_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T051408_20181225T051640_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T052337_20181225T055649_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T061223_20181225T064420_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T065352_20181225T065547_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T065745_20181225T070051_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T070247_20181225T071812_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T072015_20181225T073049_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T074745_20181225T074952_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T075237_20181225T080855_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T083224_20181225T083507_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T083523_20181225T083951_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T084219_20181225T085638_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T085817_20181225T090100_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T093548_20181225T094100_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T094344_20181225T100722_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T101019_20181225T101858_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T102125_20181225T104621_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T111910_20181225T114547_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T120043_20181225T123014_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T125337_20181225T130849_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T131422_20181225T132425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T133146_20181225T133732_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T134019_20181225T134515_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T134911_20181225T135558_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T141638_20181225T141730_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T143026_20181225T150410_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T152133_20181225T153710_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T160925_20181225T161900_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20181225T162139_20181225T163738_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOPM_2_20181225T163745_20181225T164314_C001 CS_OFFL_SIB_IOPM_2_20181225T164910_20181225T165051_C001 CS OFFL SIR IOPM 2 20181225T165058 20181225T165509 C001 CS_OFFL_SIR_IOPM_2_20181225T165951_20181225T171920_C001 CS_OFFL_SIR_IOPM_2_20181225T171956_20181225T172433_C001 CS_OFFL_SIR_IOPM_2_20181225T172517_20181225T173234_C001 CS OFFL SIR IOPM 2 20181225T173234 20181225T173342 C001 CS OFFL SIR IOPM 2 20181225T174953 20181225T181503 C001 CS_OFFL_SIR_IOPM_2_20181225T181506_20181225T182231_C001 CS_OFFL_SIR_IOPM_2_20181225T182426_20181225T182949_C001 CS_OFFL_SIR_IOPM_2_20181225T183008_20181225T183228_C001 CS_OFFL_SIR_IOPM_2_20181225T184054_20181225T185321_C001 CS_OFFL_SIR_IOPM_2_20181225T185426_20181225T191121_C001 CS_OFFL_SIR_IOPM_2_20181225T191539_20181225T191646_C001 CS_OFFL_SIR_IOPM_2_20181225T193304_20181225T194421_C001 CS OFFL SIR IOPM 2 20181225T194625 20181225T200127 C001 CS OFFL SIR IOPM 2 20181225T200352 20181225T200847 C001 CS_OFFL_SIR_IOPM_2_20181225T200854_20181225T200901_C001 CS_OFFL_SIB_IOPM_2_20181225T200907_20181225T200918_C001 CS_OFFL_SIR_IOPM_2_20181225T200925_20181225T201044_C001 CS_OFFL_SIR_IOPM_2_20181225T201737_20181225T203007_C001 CS OFFL SIR IOPM 2 20181225T203448 20181225T204642 C001 CS_OFFL_SIR_IOPM_2_20181225T212545_20181225T214043_C001 CS OFFL SIR IOPM 2 20181225T214323 20181225T214800 C001 CS_OFFL_SIR_IOPM_2_20181225T214838_20181225T214953_C001 CS OFFL SIR IOPM 2 20181225T215448 20181225T222120 C001 CS_OFFL_SIR_IOPM_2_20181225T232331_20181225T232714_C001 CS_OFFL_SIR_IOPM_2_20181225T232736_20181225T233102_C001 CS_OFFL_SIR_IOPM_2_20181225T233412_20181225T234533_C001 CS OFFL SIR IOPN 2 20181225T083507 20181225T083523 C001 CS_OFFL_SIR_IOPN_2_20181225T151603_20181225T151721_C001 CS_OFFL_SIR_IOPN_2_20181225T164454_20181225T164910_C001 CS OFFL SIR IOPN 2 20181225T193104 20181225T193304 C001 CS_OFFL_SIR_IOPN_2_20181225T214817_20181225T214822_C001 CS OFFL SIR IOPR 2 20181225T134515 20181225T134911 C001 CS OFFL SIR IOPR 2 20181225T141244 20181225T141336 C001 CS_OFFL_SIR_IOPR_2_20181225T141914_20181225T142702_C001 CS OFFL SIR IOPR 2 20181225T152051 20181225T152133 C001 CS OFFL SIR IOPR 2 20181225T182950 20181225T182955 C001 CS_OFFL_SIR_IOPR_2_20181225T185322_20181225T185426_C001 CS OFFL SIR IOPR 2 20181225T233244 20181225T233412 C001

The Ocean Range Averaging Status Flag has been set for one or more Ocean Range Averaging Status records The Ice Range Averaging Status Flag has been set for one or more Ice Range Averaging Status ecords The Ice Range Averaging Status Flag has been set for one or more Ice Range Averaging Status records Ocean Range Averaging Status ecords Ocean Range Averaging Status records Ocean Range Averaging Status records Ice Range Averaging Status records Ice Range Averaging Status records Ocean Range Averaging Status records Ocean Range Averaging Status records Ice Range Averaging Status records. Ocean Range Averaging Status records Ocean Range Averaging Status ecords Ice Range Averaging Status records Ocean Range Averaging Status records Ocean Range Averaging Status records. Ocean Range Averaging Status records Ice Range Averaging Status records Ice Range Averaging Status records Ocean Range Averaging Status records Ice Range Averaging Status records Ice Range Averaging Status records Ocean Range Averaging Status records Ice Range Averaging Status records Ocean Range Averaging Status records Ice Range Averaging Status records Ocean Range Averaging Status ecords Ice Range Averaging Status records Ocean Range Averaging Status records Ocean Range Averaging Status records. Ocean Range Averaging Status records Ocean Range Averaging Status records Ice Range Averaging Status ecords Ocean Range Averaging Status records Ocean Range Averaging Status records

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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.

Product	Test Failed	Description
CS OFFE SIR IOPM 2 201812251002544 201812251003613 C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS OFFE SIR IOPM 2 201812251004151 201812251005813 C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOPM_2_20181225T012231_20181225T014053_C001 CS OFFL SIB IOPM 2 20181225T014446 20181225T014927 C001 CS_OFFL_SIR_IOPM_2_20181225T015255_20181225T020049_C001 CS_OFFL_SIR_IOPM_2_20181225T020524_20181225T023758_C001 CS OFFL SIR IOPM 2 20181225T031330 20181225T032744 C001 CS OFFL SIR IOPM 2 20181225T033226 20181225T033739 C001 CS OFFL SIR IOPM 2 20181225T034408 20181225T040551 C001 CS OFFL SIR IOPM 2 20181225T040836 20181225T041813 C001 CS_OFFL_SIR_IOPM_2_20181225T042924_20181225T043031_C001 CS OFFL SIR IOPM 2 20181225T043131 20181225T043238 C001 CS OFFL SIR IOPM 2 20181225T044839 20181225T045447 C001 CS_OFFL_SIR_IOPM_2_20181225T045634_20181225T050702_C001 CS OFFL SIR IOPM 2 20181225T051408 20181225T051640 C001 CS_OFFL_SIR_IOPM_2_20181225T052337_20181225T055649_C001 CS_OFFL_SIR_IOPM_2_20181225T061223_20181225T064420_C001 CS OFFL SIR IOPM 2 20181225T065352 20181225T065547 C001 CS OFFL SIR IOPM 2 20181225T065745 20181225T070051 C001 CS_OFFL_SIR_IOPM_2_20181225T070247_20181225T071812_C001 CS OFFL SIB IOPM 2 20181225T072015 20181225T073049 C001 CS_OFFL_SIR_IOPM_2_20181225T074745_20181225T074952_C001 CS_OFFL_SIR_IOPM_2_20181225T075237_20181225T080855_C001 CS OFFL SIR IOPM 2 20181225T083224 20181225T083507 C001 CS_OFFL_SIR_IOPM_2_20181225T083523_20181225T083951_C001 CS OFFL SIR IOPM 2 20181225T084219 20181225T085638 C001 CS_OFFL_SIR_IOPM_2_20181225T093548_20181225T094100_C001 CS OFFL SIR IOPM 2 20181225T094344 20181225T100722 C001 CS OFFL SIR IOPM 2 20181225T101019 20181225T101858 C001 CS_OFFL_SIR_IOPM_2_20181225T102125_20181225T104621_C001 CS_OFFL_SIR_IOPM_2_20181225T111910_20181225T114547_C001 CS OFFL SIR IOPM 2 20181225T115233 20181225T115653 C001 CS_OFFL_SIR_IOPM_2_20181225T120043_20181225T123014_C001 CS_OFFL_SIR_IOPM_2_20181225T125337_20181225T130849_C001 CS OFFL SIR IOPM 2 20181225T131422 20181225T132425 C001 CS_OFFL_SIR_IOPM_2_20181225T133146_20181225T133732_C001 CS_OFFL_SIR_IOPM_2_20181225T134019_20181225T134515_C001 CS OFFL SIR IOPM 2 20181225T134911 20181225T135558 C001 CS OFFL SIR IOPM 2 20181225T141638 20181225T141730 C001 CS_OFFL_SIR_IOPM_2_20181225T143026_20181225T150410_C001 CS OFFL SIR IOPM 2 20181225T151051 20181225T151603 C001 CS_OFFL_SIR_IOPM_2_20181225T152133_20181225T153710_C001 CS OFFL SIR IOPM 2 20181225T160925 20181225T161900 C001 CS_OFFL_SIR_IOPM_2_20181225T162139_20181225T163738_C001 CS_OFFL_SIR_IOPM_2_20181225T163745_20181225T164314_C001 CS OFFL SIR IOPM 2 20181225T164910 20181225T165051 C001 CS_OFFL_SIR_IOPM_2_20181225T165058_20181225T165509_C001 CS_OFFL_SIR_IOPM_2_20181225T165951_20181225T171920_C001 CS OFFL SIR IOPM 2 20181225T171956 20181225T172433 C001 CS OFFL SIR IOPM 2 20181225T172517 20181225T173234 C001 CS OFFL SIR IOPM 2 20181225T173234 20181225T173342 C001 CS OFFL SIR IOPM 2 20181225T174953 20181225T181503 C001 CS OFFL SIR IOPM 2 20181225T181506 20181225T182231 C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status

Ice Backscatter Averaging Status SWH Averaging Status, Ocean

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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: 56

6. IOP L2 Pole-to-Pole Data Quality Check

Backscatter Averaging Status

more records.

6.1 P2P 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 NetCDF product file (.nc).

Number of products with errors:

6.2 P2P 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

6.3 P2P 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:
0

6.4 P2P Auxiliary Correction Error Check

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

6.5 P2P Measurement Confidence Data Check				
CryoSat P2P 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: 2				
Product	Test Failed	Description		
CS_OFFL_SIR_IOP_220181225T083433_20181225T092411_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records		
CS_OFFL_SIR_IOP_220181225T101347_20181225T110325_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records		

6.6 P2P Range Measurement Check

CryoSat P2P 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 P2P 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. 29

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220181225T001826_20181225T010803_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T010803_20181225T015739_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T015739_20181225T024717_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T024717_20181225T033653_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T033653_20181225T042631_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T042631_20181225T051606_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T051606_20181225T060544_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T060544_20181225T065520_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T065520_20181225T074458_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T074458_20181225T083433_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T083433_20181225T092411_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T092411_20181225T101347_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T101347_20181225T110325_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T110325_20181225T115301_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T115301_20181225T124239_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T124239_20181225T133214_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T133214_20181225T142152_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T142152_20181225T151128_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T151128_20181225T160106_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T160106_20181225T165041_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T165041_20181225T174019_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T174019_20181225T182955_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T182955_20181225T191933_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T191933_20181225T200908_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T200908_20181225T205846_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T205846_20181225T214822_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T214822_20181225T223800_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T223800_20181225T232736_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T232736_20181226T001714_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P 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 P2P 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.

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Product	Test Failed	Description
CS_OFFL_SIR_IOP_220181225T001826_20181225T010803_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOP_2_20181225T010803_20181225T015739_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T015739_20181225T024717_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T024717_20181225T033653_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T033653_20181225T042631_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_IOP_2_20181225T042631_20181225T051606_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T051606_20181225T060544_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_IOP_2_20181225T060544_20181225T065520_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T065520_20181225T074458_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T074458_20181225T083433_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T083433_20181225T092411_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T092411_20181225T101347_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T101347_20181225T110325_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T110325_20181225T115301_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_IOP_220181225T115301_20181225T124239_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T124239_20181225T133214_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_IOP_2_20181225T133214_20181225T142152_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T142152_20181225T151128_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_IOP_2_20181225T151128_20181225T160106_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T160106_20181225T165041_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T165041_20181225T174019_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T174019_20181225T182955_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T182955_20181225T191933_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_IOP_220181225T191933_20181225T200908_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T200908_20181225T205846_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T205846_20181225T214822_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220181225T214822_20181225T223800_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_IOP_2_20181225T223800_20181225T232736_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T232736_20181226T001714_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

Cryosat P2P data includes an ocean retracking quality flag (field 19) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

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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.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220181225T001826_20181225T010803_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T010803_20181225T015739_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T015739_20181225T024717_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T024717_20181225T033653_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T033653_20181225T042631_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20181225T042631_20181225T051606_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220181225T051606_20181225T060544_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T060544_20181225T065520_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T065520_20181225T074458_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T074458_20181225T083433_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T083433_20181225T092411_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T092411_20181225T101347_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T101347_20181225T110325_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T110325_20181225T115301_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T115301_20181225T124239_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T124239_20181225T133214_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T133214_20181225T142152_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T142152_20181225T151128_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T151128_20181225T160106_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T160106_20181225T165041_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T165041_20181225T174019_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T174019_20181225T182955_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T182955_20181225T191933_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T191933_20181225T200908_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T200908_20181225T205846_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T205846_20181225T214822_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220181225T214822_20181225T223800_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.