



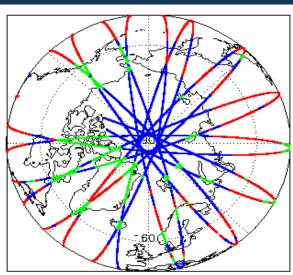
1. Overview

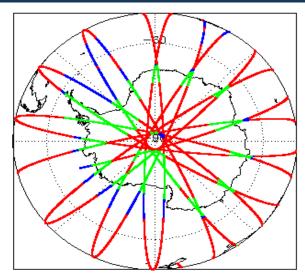
Report Production:	03-Apr-2019
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

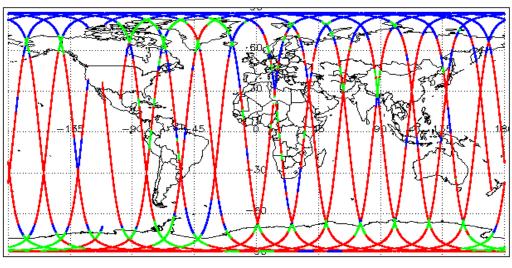
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
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

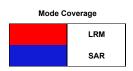
Mission / Instrument News		
30-Mar-2019	None	
31-Mar-2019	None	
01-Apr-2019	Nothing planned	

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. 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:

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 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:

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_IOPM1B_20190331T034246_20190331T035737_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20190331T082338_20190331T085242_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190331T023536_20190331T023750_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190331T031115_20190331T031713_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190331T041022_20190331T041234_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20190331T064139_20190331T064354_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190331T005237_20190331T005639_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190331T041629_20190331T041748_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190331T104217_20190331T105113_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190331T153044_20190331T153230_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190331T154126_20190331T154643_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190331T154643_20190331T154813_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20190331T205338_20190331T205433_C001	Loss of Echo	The tracking echo is missing for one or more records

5. IOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

5.6 L2 Range Measurement Check

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

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

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

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

Number of products with errors:

76

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20190331T001334_20190331T003940_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T005942_20190331T012851_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T014656_20190331T020438_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T020919_20190331T021631_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOPM_2_20190331T023219_20190331T023536_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T024126_20190331T025322_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T025537_20190331T031040_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T031713_20190331T031931_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T032008_20190331T032427_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T032606_20190331T034106_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190331T034246_20190331T035737_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T042049_20190331T042650_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T042813_20190331T043123_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T043637_20190331T045235_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T045502_20190331T050334_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T050539_20190331T052834_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T063412_20190331T063603_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T063659_20190331T064138_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T064430_20190331T071059_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T074322_20190331T075318_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS OFFL SIR IOPM 2 20190331T075856 20190331T081056 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190331T081340 20190331T081354 C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T081617_20190331T082210_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T082338_20190331T085242_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T090101_20190331T090208_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T091449_20190331T094955_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T095524_20190331T100041_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190331T100213_20190331T100520_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T100719_20190331T100852_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T103816_20190331T104051_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T104140_20190331T104216_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T105451_20190331T110326_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T110612_20190331T112914_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T113533_20190331T113938_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T114112_20190331T115443_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T115630_20190331T120241_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T120423_20190331T120904_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T123352_20190331T130715_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T130914_20190331T131423_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS OFFL SIR IOPM 2 20190331T131443 20190331T131739 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS OFFL SIR IOPM 2 20190331T132030 20190331T132224 C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T132522_20190331T135546_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T140006_20190331T140115_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T141552_20190331T142954_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
		records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T143046_20190331T144634_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T144817_20190331T145321_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20190331T150254_20190331T151257_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20190331T151917_20190331T153043_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T155321_20190331T160907_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T161047_20190331T162532_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T162732_20190331T163231_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T163257_20190331T163306_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T163940_20190331T170253_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T174200_20190331T180503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T180814_20190331T181148_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOPM_2_20190331T181752_20190331T184657_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T191751_20190331T194422_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T194556_20190331T195102_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T195716_20190331T200906_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T201444_20190331T203156_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T205433_20190331T210503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T211745_20190331T212417_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T212555_20190331T213134_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T213638_20190331T221041_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T224406_20190331T230345_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T231028_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190331T113939_20190331T114103_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190331T195102_20190331T195109_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190331T195436_20190331T195607_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190331T020438_20190331T020918_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190331T040723_20190331T041021_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190331T041235_20190331T041409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190331T054257_20190331T054934_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20190331T081057_20190331T081220_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 IOPM 2 20190331T001334 20190331T003940 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
00_011 E_011\(\frac{1}{2}\) 201303311001334_201303311003340_0001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20190331T005942_20190331T012851_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_IOPM_2_20190331T014656_20190331T020438_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_IOPM_2_20190331T020919_20190331T021631_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_IOPM_2_20190331T023219_20190331T023536_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T024126_20190331T025322_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_IOPM_2_20190331T025537_20190331T031040_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_IOPM_2_20190331T031713_20190331T031931_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T032008_20190331T032427_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T032606_20190331T034106_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_IOPM_2_20190331T042049_20190331T042650_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_IOPM_2_20190331T042813_20190331T043123_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_IOPM_2_20190331T043637_20190331T045235_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_IOPM_2_20190331T045502_20190331T050334_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T050539_20190331T052834_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_IOPM_2_20190331T063412_20190331T063603_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T063659_20190331T064138_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T064430_20190331T071059_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_IOPM_2_20190331T074322_20190331T075318_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_IOPM_2_20190331T075856_20190331T081056_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_IOPM_2_20190331T081340_20190331T081354_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20190331T081617_20190331T082210_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

Auto-control According Balton Control Cont	CS OFFL SIR IOPM 2 20190331T082338 20190331T085242 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Col. Col. Co		Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
Col. Col. Co			
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December Amenging Status December De		Backscatter Averaging Status	more records.
Decision for Amening Student (Amening St	CS_OFFL_SIR_IOPM_2_20190331T103816_20190331T104051_C001	Backscatter Averaging Status	more records.
Seg. Cert. 1, Std. Cert. 1, 201920311119203 20192031119203 Cold Col. Cert. 1, Std. Cert. 1, 201920311119203 20192031119203 Cold Col. Cert. 1, Std. Cert. 1, 20192031119203 20192031119203 Cold Col. Cert. 1, Std. Cert. 1, 20192031119203 2019203119203 Cold Col. Cert. 1, Std. Cert. 1, 20192031119203 2019203119203 Cold Col. Cert. 1, Std. Cert. 1, 2019203 Cold Col. Cert. 1, Std. Cert. 1, 201920 Cold Col. Cert. 1, Std. Cert. 1, 2019203 Cold Col. Cert.	CS_OFFL_SIR_IOPM_2_20190331T104140_20190331T104216_C001	Backscatter Averaging Status	more records.
Dec.	CS_OFFL_SIR_IOPM_2_20190331T105451_20190331T110326_C001	Backscatter Averaging Status	more records.
So OFFL, SRI, OFFL 2, 20190311110304, 20190311110304, Cost CR, OFFL, SRI, OFFL 2, 20190311110304, 2019031110304, Cost CR, OFFL, SRI, OFFL 2, 2019031110302, 2019031110304, Cost CR, OFFL, SRI, OFFL 2, 20190331110302, 2019031110304, Cost CR, OFFL, SRI, OFFL 2, 20190331110302, 2019031110302, Cost CR, OFFL, SRI, OFFL 2, 20190331110302, 2019031110302, Cost CR, OFFL, SRI, OFFL 2, 20190331110302, Cost CR, OFFL, SRI, OFFL	CS_OFFL_SIR_IOPM_2_20190331T110612_20190331T112914_C001		more records.
Section Company Comp	CS_OFFL_SIR_IOPM_2_20190331T113533_20190331T113938_C001		records.
Bookearder Averaging Status Coper_Sin (John 2_2010031112042_2010031112050_2010030	CS_OFFL_SIR_IOPM_2_20190331T114112_20190331T115443_C001	Backscatter Averaging Status	more records.
Debearder Averaging Status OFFL. SINI. (1974. 2. 201903511130142, 201903511130142). OFFL. SINI. (1974. 2. 201903511130142	CS_OFFL_SIR_IOPM_2_20190331T115630_20190331T120241_C001		
Research Averaging States Fig. CPFL, SRI, OPPL 2, 20103311110142, 201033111131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 20103311131432, 2010331114324, 20103311132434, 2010331114324, 20103311132434, 20103311132434, 20103311132434, 2010331	CS_OFFL_SIR_IOPM_2_20190331T120423_20190331T120904_C001		
Co. OFFL. Sin. (OFFL. 2) 20190317113422 (2019031713974 (2019) CB. OFFL. Sin. (OFFL. 2) 2019031713974 (2019031713954 (201) CB. OFFL. Sin. (OFFL. 2) 2019031713974 (2019031714000 (201) CB. OFFL. Sin. (OFFL. 2) 2019031714000 (201) CB. OFFL. Sin. (OFFL. 2) 201903171500 (201) CB. OFFL. Sin. (OFFL. 2) 201903171600 (201) CB. OFFL. Sin. (OFFL. 2) 201903171700 (201) CB. OFFL.	CS_OFFL_SIR_IOPM_2_20190331T123352_20190331T130715_C001		
See Deep Last, Opin 2, 201003311130124_Coll 20103311140000_Coll 201033111400000_Coll 20103311140000_Coll 20103311140000_Coll 20103311140000_Coll 20103311140000_Coll 20103311140000_Coll 20103311140000_Coll 2	CS_OFFL_SIR_IOPM_2_20190331T130914_20190331T131423_C001	Ice Backscatter Averaging Status	
CS. OFFL. SRI. (DML 2, 20190331T132522 2019033T1140000 C001 CS. OFFL. SRI. (DML 2, 2019033T1140000, 2019033T144015, C001) CS. OFFL. SRI. (DML 2, 2019033T144000, 2019033T144000, C001) CS. OFFL. SRI. (DML 2, 2019033T144000, 2019033T144000, C001) CS. OFFL. SRI. (DML 2, 2019033T144000, 2019033T140000, C001) CS. OFFL. SRI. (DML 2, 2019033T110000, C001) CS. OFFL. SRI. (DML 2, 2019033T1	CS_OFFL_SIR_IOPM_2_20190331T131443_20190331T131739_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SR_(DPM_2_201903311140018_010031114019_0101	CS_OFFL_SIR_IOPM_2_20190331T132522_20190331T135546_C001		The SWH and Ocean Averaging Status Flags have been set for one or
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SO OFFL_SIR_JOPM_2_20190331T144552_20190331T144545_0001 SO OFFL_SIR_JOPM_2_2019033T144968_20190331T144545_0001 SO OFFL_SIR_JOPM_2_2019033T1146917_2019033T1163043_0001 SO OFFL_SIR_JOPM_2_2019033T1163043_0001 SO OFFL_SIR_JOPM_2_2019033T116304_0001 SO OF	CS_OFFL_SIR_IOPM_2_20190331T140006_20190331T140115_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_JOPM _2_0190331T145048_2019033T146531_0001 CS_OFFL_SIR_JOPM _2_019033T146531T16504_2019033T16907_0001 CS_OFFL_SIR_JOPM _2_019033T16907_0019033T16907_0001 CS_OFFL_SIR_JOPM _2_019033T16907_0019033T10907_0001 CS_OFFL_SIR_JOPM _2_019033T17907_0019033T10907_0001 CS_OFFL_SIR_JOPM _2_019033T17907_00019033T10907_0001 CS_OFFL_SIR_JOPM _2_019033T17907_0001903T10907_0001 CS_OFFL_SI			The SWH and Ocean Averaging Status Flags have been set for one or
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South American Status CS_OFFL_SIR_IOPM_2_20190331T165321_20190331T16502_2001 SVH Averaging Status The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Coean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Status Flags have been set for one or more records. The SVH and Ocean Averaging Sta		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
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CS_OFFL_SIR_IOPM_2_20190331T195109_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195109_20190331T200906_C001 CS_OFFL_SIR_IOPM_2_20190331T201444_20190331T200906_C001 CS_OFFL_SIR_IOPM_2_20190331T201444_20190331T203156_C001 CS_OFFL_SIR_IOPM_2_20190331T201444_20190331T203156_C001 CS_OFFL_SIR_IOPM_2_20190331T205433_20190331T210503_C001 CS_OFFL_SIR_IOPM_2_20190331T21745_20190331T21417_C001 CS_OFFL_SIR_IOPM_2_20190331T21555_20190331T21417_C001 CS_OFFL_SIR_IOPM_2_20190331T21555_20190331T210503_C001 CS_OFFL_SIR_IOPM_2_20190331T21555_20190331T210001 CS_OFFL_SIR_IOPM_2_20190331T21555_20190331T210001 CS_OFFL_SIR_IOPM_2_20190331T22556_C001 CS_OFFL_SIR_IOPM_2_20190331T225001 CS_OFFL_SIR_IOPM_2_20190331T22431_20190331T22526_C001 CS_OFFL_SIR_IOPM_2_20190331T224406_20190331T230345_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T230020_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T23545_20190331T231020_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T231020_C001 CS_OFFL_SIR_IOPM_2_20190331T230159_20190331T231020_C001 CS_OFFL_SIR_IOPM_2_20190331T230159_20190331T230000 CS_OFFL_SIR_IOPM_2_20190331T230159_20190331T230000 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T230000 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T23100000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20190331T191751_20190331T194422_C001		more records.
CS_OFFL_SIR_IOPM_2_20190331T195196_20190331T200906_C001 SWH Averaging Status	CS_OFFL_SIR_IOPM_2_20190331T194556_20190331T195102_C001	Ice Backscatter Averaging Status	records.
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Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20190331T21745_20190331T212447_C001 CS_OFFL_SIR_IOPM_2_20190331T21555_20190331T213134_C001 CS_OFFL_SIR_IOPM_2_20190331T213638_20190331T221041_C001 CS_OFFL_SIR_IOPM_2_20190331T213638_20190331T221041_C001 CS_OFFL_SIR_IOPM_2_20190331T22431_20190331T22256_C001 CS_OFFL_SIR_IOPM_2_20190331T222431_20190331T22256_C001 CS_OFFL_SIR_IOPM_2_20190331T224406_20190331T2230345_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T23028_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T23028_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T230023_C001 CS_OFFL_SIR_IOPM_2_20190331T1395102_C0190331T14103_C001 CS_OFFL_SIR_IOPM_2_20190331T1395102_20190331T141010_C001 CS_OFFL_SIR_IOPM_2_20190331T195102_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_200190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_C001 CS_OFFL_SIR_IOPM_2_20190331T195103_C001 CS_OFFL_SIR_IOPM_2_2019	CS_OFFL_SIR_IOPM_2_20190331T201444_20190331T203156_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20190331T213134_C001 CS_OFFL_SIR_IOPM_2_20190331T213555_20190331T213134_C001 CS_OFFL_SIR_IOPM_2_20190331T213638_20190331T221041_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20190331T222431_20190331T222526_C001 SWH Averaging Status SWH Averaging Status CS_OFFL_SIR_IOPM_2_20190331T222431_20190331T222526_C001 SWH Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been s	CS_OFFL_SIR_IOPM_2_20190331T205433_20190331T210503_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20190331T213638_20190331T221041_C001 CS_OFFL_SIR_IOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_IOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_IOPM_2_20190331T2224406_20190331T2204406_20190331T230345_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_IOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_IOPM_2_20190331T115102_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195102_20190331T19509_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T231029	CS_OFFL_SIR_IOPM_2_20190331T211745_20190331T212417_C001		more records.
Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20190331T222431_20190331T222526_C001 CS_OFFL_SIR_IOPM_2_20190331T2224406_20190331T230345_C001 CS_OFFL_SIR_IOPM_2_20190331T2230519_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_IOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_IOPM_2_20190331T13939_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195102_20190331T195406_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 SWH Averaging Status more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. Th	CS_OFFL_SIR_IOPM_2_20190331T212555_20190331T213134_C001		records.
Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20190331T224406_20190331T230345_C001 CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T13939_20190331T14103_C001 CS_OFFL_SIR_IOPM_2_20190331T195102_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20190331T213638_20190331T221041_C001	Backscatter Averaging Status	more records.
Backscatter Averaging Status CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 CS_OFFL_SIR_IOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_IOPM_2_20190331T113939_20190331T114103_C001 CS_OFFL_SIR_IOPM_2_20190331T195102_20190331T195109_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPM_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPM_2_20190331T231029_20190331T231335_C001 Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flag has been set for one or more records. The Ioe Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or mo	CS_OFFL_SIR_IOPM_2_20190331T222431_20190331T222526_C001		
CS_OFFL_SIR_IOPM_2_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T231028_C001 CS_OFFL_SIR_IOPM_2_20190331T133545_20190331T14103_C001 CS_OFFL_SIR_IOPN_2_20190331T113939_20190331T14103_C001 CS_OFFL_SIR_IOPN_2_20190331T195102_20190331T19509_C001 CS_OFFL_SIR_IOPN_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231029_20190331T231029_20190331T231029_20190331T231029_20190331T231029_20190331T231029_20190331T231029_20190331T231029_20190331T231029_20190	CS_OFFL_SIR_IOPM_2_20190331T224406_20190331T230345_C001		
CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Status CS_OFFL_SIR_IOPN_2_20190331T195102_20190331T195109_C001 CS_OFFL_SIR_IOPN_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20190331T230519_20190331T231028_C001		
CS_OFFL_SIR_IOPN_2_20190331T113939_20190331T114103_C001 SWH Averaging Status, Ocean Backscatter Averaging Status (Cs_OFFL_SIR_IOPN_2_20190331T195102_20190331T195109_C001 CS_OFFL_SIR_IOPN_2_20190331T195436_20190331T195607_C001 CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001 CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001 SWH Averaging Status, Ocean Backscatter Averaging Status (SwH Averaging Status) SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status (SwH Averaging Status) SWH Averaging Status, Ocean Backscatter Averaging Status (SwH Averaging Status) The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPM_2_20190331T231545_20190331T235023_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPN_2_20190331T195102_20190331T195109_C001 CS_OFFL_SIR_IOPN_2_20190331T195436_20190331T195007_C001 CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001	CS_OFFL_SIR_IOPN_2_20190331T113939_20190331T114103_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPN_2_20190331T195436_20190331T195607_C001 SWH Averaging Status, Ocean Backscatter Averaging Status ocean Backscatter Averaging Status. Ocean Backscatter Averaging Status	CS_OFFL_SIR_IOPN_2_20190331T195102_20190331T195109_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPN_2_20190331T231029_20190331T231335_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_IOPN_2_20190331T195436_20190331T195607_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IORR_2_20100331T020438_20100331T020018_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Ibackscatter Averaging Status Impre records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_LORR_2_20190331T040723_20190331T041021_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records. CS_OFFL_SIR_IOPR_2_20190331T041235_20190331T041409_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Backscatter Averaging Status more records.		Backscatter Averaging Status	more records.

CS_OFFL_SIR_IOPR_2_20190331T054257_20190331T054934_C001

SWH Averaging Status, Ocean Backscatter Averaging Status

SWH Averaging Status

SWH Averaging Status, Ocean Backscatter Averaging Status

The SWH and more records.

SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status

The SWH and Ocean Averaging Status Flags have been set for one or more records.

The SWH and Ocean Averaging Status Flags have been set for one or

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:

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

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

60

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:

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).

Number of products with errors:

Ω

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:

Ω

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.

Number of products with errors:

29

Number of products with errors: 29		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_220190331T000034_20190331T005010_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T005010_20190331T013947_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T013947_20190331T022923_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T022923_20190331T031901_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_220190331T031901_20190331T040837_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_220190331T040837_20190331T045814_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_220190331T045814_20190331T054750_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_220190331T054750_20190331T063728_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T063728_20190331T072704_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_220190331T072704_20190331T081642_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T081642_20190331T090618_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_220190331T090618_20190331T095555_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_220190331T095555_20190331T104531_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_220190331T104531_20190331T113509_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T113509_20190331T122445_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_220190331T122445_20190331T131422_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_220190331T131422_20190331T140358_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_220190331T140358_20190331T145336_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_220190331T145336_20190331T154312_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T154312_20190331T163249_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_220190331T163249_20190331T172225_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_220190331T172225_20190331T181203_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_2_20190331T181203_20190331T190139_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_220190331T190139_20190331T195116_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_220190331T195116_20190331T204053_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T204053_20190331T213030_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T213030_20190331T222006_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_220190331T222006_20190331T230944_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_220190331T230944_20190331T235920_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

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.

Description

Test Failed

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. 29

Number of products with errors:

Product

Product	l est Failed	Description
CS_OFFL_SIR_IOP_220190331T000034_20190331T005010_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_220190331T005010_20190331T013947_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_220190331T013947_20190331T022923_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_220190331T022923_20190331T031901_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_220190331T031901_20190331T040837_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_220190331T040837_20190331T045814_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_220190331T045814_20190331T054750_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_220190331T054750_20190331T063728_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T063728_20190331T072704_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_220190331T072704_20190331T081642_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_220190331T081642_20190331T090618_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_220190331T090618_20190331T095555_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_220190331T095555_20190331T104531_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_220190331T104531_20190331T113509_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_220190331T113509_20190331T122445_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_220190331T122445_20190331T131422_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_220190331T131422_20190331T140358_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_220190331T140358_20190331T145336_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_220190331T145336_20190331T154312_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_220190331T154312_20190331T163249_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_220190331T163249_20190331T172225_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_220190331T172225_20190331T181203_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_220190331T181203_20190331T190139_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_220190331T190139_20190331T195116_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_220190331T195116_20190331T204053_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_20190331T204053_20190331T213030_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_20190331T213030_20190331T222006_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220190331T222006_20190331T230944_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_220190331T230944_20190331T235920_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.

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.

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:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220190331T000034_20190331T005010_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T005010_20190331T013947_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T013947_20190331T022923_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T022923_20190331T031901_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T031901_20190331T040837_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T040837_20190331T045814_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T045814_20190331T054750_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T054750_20190331T063728_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T063728_20190331T072704_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T072704_20190331T081642_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T081642_20190331T090618_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T090618_20190331T095555_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T095555_20190331T104531_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T104531_20190331T113509_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T113509_20190331T122445_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T122445_20190331T131422_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T131422_20190331T140358_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T140358_20190331T145336_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T145336_20190331T154312_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T154312_20190331T163249_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T163249_20190331T172225_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T172225_20190331T181203_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T181203_20190331T190139_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T190139_20190331T195116_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T195116_20190331T204053_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T204053_20190331T213030_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T213030_20190331T222006_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T222006_20190331T230944_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220190331T230944_20190331T235920_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.