

IDEAS+ Daily Report for IOP data:

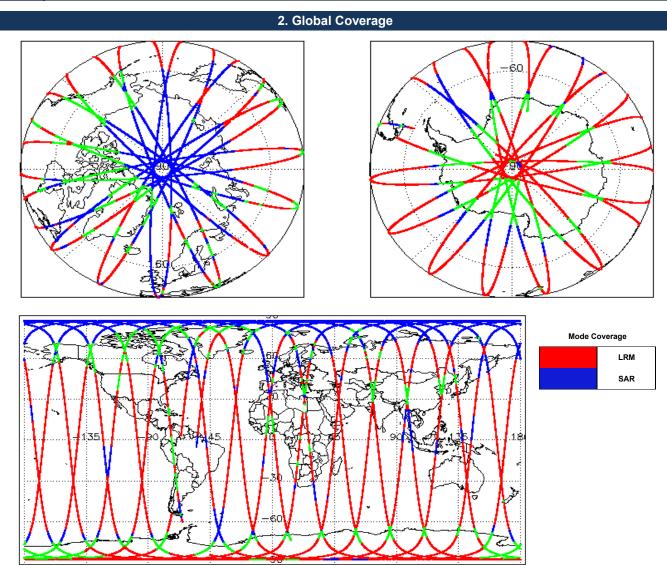
<u>05/02/2018</u>



1. Overview				
	07 5 4 0040	Check	L1 & L2	P2P
Report Production:	07-Feb-2018	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
		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 4.6	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

ĺ	Mission / Instrument News				
	04-Feb-2018	None			
	05-Feb-2018	None			

06-Feb-2018 SIRAL unavailability on 6-Feb-18 from 01:42:00 to 05:07:32 and from 14:17:00 to 17:27:32 due to planned instrument roll manoeuvres.



3. Instrument Configuration

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

SIRAL - A

0

SIRAL instrument(s) in use:

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

Each product is checked for missing Data Set Descriptors with respect to a pr	e-determined baseline and also to	check 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 reco	rd. The bit value of this flag indicat	es 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 measure	ment record. The bit value of this f	lag indicates any problems when set.
Attitude Correction Missing: This flag is currently set in error for IOPR prod	ucts due to a configuration issue.	Fhis is being investigated and will be updated in the next SW update.
Number of products with errors: 0		
4.6.1.4.P. Wayoform Crown Data Chaok		
4.6 L1B Waveform Group Data Check	al The bit color of this flat is in the	
CryoSat L1B data includes a waveform data flag for each measurement recor Loss of Echo Flag: This flag is currently set for products over land, but this is	-	es any problems when set.
Number of products with errors: 15	s to be expected.	
Product CS OFFL SIR IOPM1B 20180205T043017 20180205T045910 C001	Test Failed Loss of Echo	Description The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_201802051043017_201802051043910_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_201802057210819_201802057213412_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180205721001559_201802057210412_0001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180205T015617_20180205T020206_C001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR IOPN1B 201802057114553 201802057114821 C001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR IOPN1B 201802057184022 201802057184147 C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180205T184210_20180205T184230_C001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR IOPR1B 20180205T063619 20180205T063653 C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180205T081622_20180205T081654_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180205T081835_20180205T082138_C001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR IOPR1B 20180205T082956 20180205T083729 C001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR IOPR1B 201802057100351 201802057100424 C001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR IOPR1B 20180205T150525 20180205T151409 C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180205T214805_20180205T214849_C001	Loss of Echo	The tracking echo is missing for one or more records
5 10	OP Level 2 Data Qua	ality Check
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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).

0

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. 72

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180205T001809_20180205T001923_C001	lice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T002754_20180205T003922_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T005511_20180205T005903_C001		The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOPM_2_20180205T010223_20180205T011017_C001 CS OFFL SIR IOPM 2 20180205T011206 20180205T012739 C001 CS_OFFL_SIR_IOPM_2_20180205T020439_20180205T023827_C001 CS_OFFL_SIR_IOPM_2_20180205T024325_20180205T024906_C001 CS_OFFL_SIR_IOPM_2_20180205T025128_20180205T031701_C001 CS_OFFL_SIR_IOPM_2_20180205T034844_20180205T040003_C001 CS OFFL SIR IOPM 2 20180205T040539 20180205T041704 C001 CS OFFL SIR IOPM 2 20180205T042302 20180205T042733 C001 CS_OFFL_SIR_IOPM_2_20180205T043017_20180205T045910_C001 CS_OFFL_SIR_IOPM_2_20180205T052251_20180205T055610_C001 CS OFFL SIR IOPM 2 20180205T060212 20180205T060745 C001 CS_OFFL_SIR_IOPM_2_20180205T060910_20180205T061530_C001 CS OFFL SIR IOPM 2 20180205T064642 20180205T064821 C001 CS_OFFL_SIR_IOPM_2_20180205T070145_20180205T073600_C001 CS_OFFL_SIR_IOPM_2_20180205T074806_20180205T080809_C001 CS OFFL SIR IOPM 2 20180205T083951 20180205T091348 C001 CS_OFFL_SIR_IOPM_2_20180205T092131_20180205T092529_C001 CS_OFFL_SIR_IOPM_2_20180205T092724_20180205T095631_C001 CS_OFFL_SIR_IOPM_2_20180205T095646_20180205T100351_C001 CS_OFFL_SIR_IOPM_2_20180205T100530_20180205T100756_C001 CS_OFFL_SIR_IOPM_2_20180205T102256_20180205T103052_C001 CS OFFL SIR IOPM 2 20180205T103732 20180205T105314 C001 CS_OFFL_SIR_IOPM_2_20180205T105455_20180205T110012_C001 CS OFFL SIR IOPM 2 20180205T110031 20180205T110232 C001 CS OFFL SIR IOPM 2 20180205T111103 20180205T112348 C001 CS OFFL SIR IOPM 2 20180205T112602 20180205T113749 C001 CS_OFFL_SIR_IOPM_2_20180205T114046_20180205T114202_C001 CS_OFFL_SIR_IOPM_2_20180205T120526_20180205T121457_C001 CS_OFFL_SIR_IOPM_2_20180205T121732_20180205T123233_C001 CS OFFL SIR IOPM 2 20180205T123419 20180205T123923 C001 CS_OFFL_SIR_IOPM_2_20180205T124754_20180205T124851_C001 CS_OFFL_SIR_IOPM_2_20180205T125743_20180205T125936_C001 CS_OFFL_SIR_IOPM_2_20180205T131102_20180205T131808_C001 CS_OFFL_SIR_IOPM_2_20180205T135016_20180205T135205_C001 CS_OFFL_SIR_IOPM_2_20180205T135411_20180205T141135_C001 CS OFFL SIR IOPM 2 20180205T141422 20180205T141840 C001 CS_OFFL_SIR_IOPM_2_20180205T142440_20180205T145935_C001 CS OFFL SIR IOPM 2 20180205T152522 20180205T155117 C001 CS OFFL SIR IOPM 2 20180205T155231 20180205T155753 C001 CS_OFFL_SIR_IOPM_2_20180205T155800_20180205T160124_C001 CS_OFFL_SIR_IOPM_2_20180205T160348_20180205T161552_C001 CS OFFL SIR IOPM 2 20180205T162128 20180205T163648 C001 CS_OFFL_SIR_IOPM_2_20180205T170326_20180205T172359_C001 CS_OFFL_SIR_IOPM_2_20180205T172413_20180205T173049_C001 CS_OFFL_SIR_IOPM_2_20180205T173223_20180205T174031_C001 CS_OFFL_SIR_IOPM_2_20180205T174257_20180205T181800_C001 CS OFFL SIR IOPM 2 20180205T190137 20180205T191023 C001 CS_OFFL_SIR_IOPM_2_20180205T191201_20180205T191720_C001 CS_OFFL_SIR_IOPM_2_20180205T192247_20180205T194529_C001 CS OFFL SIR IOPM 2 20180205T194815 20180205T195736 C001 CS_OFFL_SIR_IOPM_2_20180205T202941_20180205T203425_C001

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

CS_OFFL_SIR_IOPM_2_20180205T203612_20180205T204930_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T210215_20180205T210810_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T210819_20180205T213412_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T215239_20180205T215940_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T215959_20180205T222358_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T223804_20180205T224006_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T224157_20180205T225947_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T230157_20180205T231117_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T232726_20180205T233137_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T233251_20180205T233530_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T233647_20180205T234832_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180205T001659_20180205T001809_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180205T001923_20180205T002107_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180205T015617_20180205T020206_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180205T205019_20180205T205307_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180205T092128_20180205T092131_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180205T184154_20180205T184210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180205T213948_20180205T214108_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. 68

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180205T001809_20180205T001923_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T002754_20180205T003922_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_20180205T005511_20180205T005903_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_20180205T010223_20180205T011017_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T011206_20180205T012739_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_20180205T020439_20180205T023827_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_20180205T024325_20180205T024906_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T025128_20180205T031701_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_20180205T034844_20180205T040003_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_20180205T040539_20180205T041704_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_20180205T042302_20180205T042733_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T043017_20180205T045910_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_20180205T052251_20180205T055610_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_20180205T060212_20180205T060745_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T060910_20180205T061530_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_20180205T064642_20180205T064821_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_20180205T070145_20180205T073600_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_20180205T074806_20180205T080809_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_20180205T083951_20180205T091348_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_20180205T092724_20180205T095631_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_20180205T095646_20180205T100351_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_20180205T100530_20180205T100756_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180205T102256_20180205T103052_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_20180205T103534_20180205T103729_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_20180205T103732_20180205T105314_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_20180205T105455_20180205T110012_C001 CS OFFL SIR IOPM 2 20180205T110031 20180205T110232 C001 CS_OFFL_SIR_IOPM_2_20180205T111103_20180205T112348_C001 CS_OFFL_SIR_IOPM_2_20180205T112602_20180205T113749_C001 CS OFFL SIR IOPM 2 20180205T114046 20180205T114202 C001 CS_OFFL_SIR_IOPM_2_20180205T120526_20180205T121457_C001 CS OFFL SIR IOPM 2 20180205T121732 20180205T123233 C001 CS OFFL SIR IOPM 2 20180205T123419 20180205T123923 C001 CS_OFFL_SIR_IOPM_2_20180205T125743_20180205T125936_C001 CS_OFFL_SIR_IOPM_2_20180205T130515_20180205T130939_C001 CS OFFL SIR IOPM 2 20180205T135016 20180205T135205 C001 CS_OFFL_SIR_IOPM_2_20180205T135411_20180205T141135_C001 CS OFFL SIR IOPM 2 20180205T141422 20180205T141840 C001 CS_OFFL_SIR_IOPM_2_20180205T142440_20180205T145935_C001 CS_OFFL_SIR_IOPM_2_20180205T152522_20180205T155117_C001 CS OFFL SIR IOPM 2 20180205T155231 20180205T155753 C001 CS_OFFL_SIR_IOPM_2_20180205T155800_20180205T160124_C001 CS_OFFL_SIR_IOPM_2_20180205T160348_20180205T161552_C001 CS_OFFL_SIR_IOPM_2_20180205T162128_20180205T163648_C001 CS_OFFL_SIR_IOPM_2_20180205T170326_20180205T172359_C001 CS_OFFL_SIR_IOPM_2_20180205T172413_20180205T173049_C001 CS OFFL SIR IOPM 2 20180205T173223 20180205T174031 C001 CS OFFL SIR IOPM 2 20180205T174257 20180205T181800 C001 CS OFFL SIR IOPM 2 20180205T190137 20180205T191023 C001 CS OFFL SIR IOPM 2 20180205T191201 20180205T191720 C001 CS_OFFL_SIR_IOPM_2_20180205T192247_20180205T194529_C001 CS_OFFL_SIR_IOPM_2_20180205T194815_20180205T195736_C001 CS_OFFL_SIR_IOPM_2_20180205T203612_20180205T204930_C001 CS_OFFL_SIR_IOPM_2_20180205T210215_20180205T210810_C001 CS OFFL SIR IOPM 2 20180205T210819 20180205T213412 C001 CS_OFFL_SIR_IOPM_2_20180205T215239_20180205T215940_C001 CS_OFFL_SIR_IOPM_2_20180205T215959_20180205T222358_C001 CS OFFL SIR IOPM 2 20180205T223332 20180205T223525 C001 CS_OFFL_SIR_IOPM_2_20180205T223804_20180205T224006_C001 CS_OFFL_SIR_IOPM_2_20180205T224157_20180205T225947_C001 CS OFFL SIR IOPM 2 20180205T230157 20180205T231117 C001 CS_OFFL_SIR_IOPM_2_20180205T233251_20180205T233530_C001 CS OFFL SIR IOPM 2 20180205T233647 20180205T234832 C001 CS OFFL SIR IOPN 2 20180205T001923 20180205T002107 C001 CS_OFFL_SIR_IOPN_2_20180205T205019_20180205T205307_C001 CS_OFFL_SIR_IOPR_2_20180205T092128_20180205T092131_C001 CS OFFL SIR IOPR 2 20180205T184154 20180205T184210 C001 CS_OFFL_SIR_IOPR_2_20180205T213948_20180205T214108_C001

Ice Backscatter Averaging Status

Ice Backscatter Averaging Status

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

Ice Backscatter Averaging Status

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

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

Backscatter Averaging Status Ice Backscatter Averaging Status

Ice Backscatter Averaging Status

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

Ice Backscatter Averaging Status

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

Ice Backscatter Averaging Status

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

Ice Backscatter Averaging Status

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

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

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

Backscatter Averaging Status

The Ice Backscatter Averaging Status Flag has 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 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 record

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 ecords

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 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 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 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 record

The Ice Backscatter Averaging Status Flag has 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 Ice Backscatter Averaging Status Flag has been set for one or more records

The Ice Backscatter Averaging Status Flag has been set for one or more ecords

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.

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:

48

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 p	re-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 ch	packed for the default error value (32767)		
Number of products with errors: 0			
6.5 P2P Measurement Confidence Data Check			
CryoSat P2P data includes a measurement confidence flag for each 20-Hz m	easurement record. The bit value of this flag i	ndicates any problems when set.	
Number of products with errors: 0			
6.6 P2P Range Measurement Check			
CryoSat P2P data includes an Ocean and Ice Range Averaging Status flag for	or 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	s 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 expect	ed.	
Ice Range Averaging Status Flag: This flag is currently set for products ove	r land, but this is to be expected.		
Number of products with errors: 28			
Product	Test Failed	Description	
CS_OFFL_SIR_IOP_220180205T001527_20180205T010504_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for on or more records.	
CS_OFFL_SIR_IOP_220180205T010504_20180205T015440_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_220180205T015440_20180205T024417_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_220180205T024417_20180205T033354_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for on- or more records.	
CS_OFFL_SIR_IOP_220180205T033354_20180205T042331_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more	
	Ocean Range Averaging Status, Ice	records. The Ocean and Ice Range Averaging Status Flags have been set for one	
CS_OFFL_SIR_IOP_2_20180205T051308_20180205T060244_C001	Range Averaging Status Ocean Range Averaging Status	or more records. The Ocean Range Averaging Status Flag has been set for one or more	
	Ocean Range Averaging Status, Ice	records. The Ocean and Ice Range Averaging Status Flags have been set for on	
CS_OFFL_SIR_IOP_220180205T060244_20180205T065221_C001	Range Averaging Status Ocean Range Averaging Status, Ice	or more records. The Ocean and Ice Range Averaging Status Flags have been set for one	
CS_OFFL_SIR_IOP_220180205T065221_20180205T074158_C001	Range Averaging Status	or more records. The Ocean Range Averaging Status Flag has been set for one or more	
CS_OFFL_SIR_IOP_220180205T074158_20180205T083135_C001	Ocean Range Averaging Status	records.	
CS_OFFL_SIR_IOP_220180205T083135_20180205T092111_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_220180205T092111_20180205T101048_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_220180205T101048_20180205T110025_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for on or more records.	
CS_OFFL_SIR_IOP_220180205T110025_20180205T115002_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for on or more records.	
CS_OFFL_SIR_IOP_220180205T115002_20180205T123939_C001	Ocean Range Averaging Status, Ice	The Ocean and Ice Range Averaging Status Flags have been set for on	
CS_OFFL_SIR_IOP_220180205T123939_20180205T132915_C001	Range Averaging Status Ocean Range Averaging Status, Ice	or more records. The Ocean and Ice Range Averaging Status Flags have been set for on	
	Range Averaging Status Ocean Range Averaging Status, Ice	or more records. The Ocean and Ice Range Averaging Status Flags have been set for on	
CS_OFFL_SIR_IOP_220180205T132915_20180205T141852_C001	Range Averaging Status	or more records. The Ocean Range Averaging Status Flag has been set for one or more	
CS_OFFL_SIR_IOP_220180205T141852_20180205T150829_C001	Ocean Range Averaging Status	records.	
CS_OFFL_SIR_IOP_220180205T150829_20180205T155806_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_220180205T155806_20180205T164743_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.	
CS_OFFL_SIR_IOP_220180205T164743_20180205T173719_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_220180205T173719_20180205T182656_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.	
CS_OFFL_SIR_IOP_220180205T182656_20180205T191633_C001	Ocean Range Averaging Status, Ice	The Ocean and Ice Range Averaging Status Flags have been set for one	
CS_OFFL_SIR_IOP_220180205T191633_20180205T200610_C001	Range Averaging Status Ocean Range Averaging Status	or more records. The Ocean Range Averaging Status Flag has been set for one or more	
		records. The Ocean Range Averaging Status Flag has been set for one or more	
CS_OFFL_SIR_IOP_2_20180205T200610_20180205T205546_C001	Ocean Range Averaging Status Ocean Range Averaging Status, Ice	records. The Ocean and Ice Range Averaging Status Flags have been set for on-	
CS_OFFL_SIR_IOP_220180205T205546_20180205T214523_C001	Range Averaging Status	or more records.	
CS_OFFL_SIR_IOP_220180205T214523_20180205T223500_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_220180205T223500_20180205T232437_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for on 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. 28

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180205T001527_20180205T010504_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_220180205T010504_20180205T015440_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_220180205T015440_20180205T024417_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_220180205T024417_20180205T033354_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_220180205T033354_20180205T042331_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_220180205T042331_20180205T051308_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_220180205T051308_20180205T060244_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_220180205T060244_20180205T065221_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_220180205T065221_20180205T074158_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_220180205T074158_20180205T083135_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_220180205T083135_20180205T092111_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_220180205T092111_20180205T101048_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_220180205T101048_20180205T110025_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_220180205T110025_20180205T115002_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_220180205T115002_20180205T123939_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_220180205T123939_20180205T132915_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_220180205T132915_20180205T141852_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_220180205T141852_20180205T150829_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_220180205T150829_20180205T155806_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_220180205T155806_20180205T164743_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_220180205T164743_20180205T173719_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_220180205T173719_20180205T182656_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_220180205T182656_20180205T191633_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_220180205T191633_20180205T200610_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_220180205T200610_20180205T205546_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_220180205T205546_20180205T214523_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_220180205T214523_20180205T223500_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_220180205T223500_20180205T232437_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_220180205T001527_20180205T010504_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T015440_20180205T024417_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T024417_20180205T033354_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T033354_20180205T042331_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T042331_20180205T051308_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T051308_20180205T060244_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T060244_20180205T065221_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T065221_20180205T074158_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T074158_20180205T083135_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T083135_20180205T092111_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T092111_20180205T101048_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T101048_20180205T110025_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T110025_20180205T115002_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T115002_20180205T123939_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T123939_20180205T132915_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T141852_20180205T150829_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T150829_20180205T155806_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T155806_20180205T164743_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T164743_20180205T173719_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T173719_20180205T182656_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T182656_20180205T191633_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T191633_20180205T200610_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T205546_20180205T214523_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T214523_20180205T223500_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180205T223500_20180205T232437_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.