

IDEAS+ Daily Report for IOP data:

<u>06/07/2018</u>



09-Jul-2018 CryoSat Ocean Processor mediate Ocean Products (IOP) 1B, L2 & P2P Science Data	Server ch Server ch Auxi Auxi Range, SWH Oce	. Overview Check heck: science-pds.cryosat.esa Product Software Check Product Format Check Product Header Analysis kiliary Data File Usage Check kiliary Correction Error Check arement Confidence Data Chece H & Backscatter Measurement ban Retracking Quality Check obal Coverage	a.int Noi Lint Noi Noi Noi Noi Noi Noi Noi Noi Noi Noi	& L2 minal minal minal minal minal minal minal 4.5, 4.6 and 5.5 tion 5.6, 5.7 action 5.8	P2P Nominal Nominal Nominal Nominal Nominal See Section 6.5 See Section 6.6, 6. See Section 6.8
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	Measu Range, SWH Oce	urement Confidence Data Chec H & Backscatter Measurement ean Retracking Quality Check	ck See Section t Check See Sect	4.5, 4.6 and 5.5 tion 5.6, 5.7	See Section 6.5 See Section 6.6, 6.
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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 ch	eck 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 indicates	any problems when set.		
Number of products with errors: 0				
4.5 L1B Measurement Confidence Data Check				
CryoSat L1B data includes a measurement confidence flag for each measure	ment record. The bit value of this flag	indicates any problems when set.		
Attitude Correction Missing: This flag is currently set in error for IOPR prod	ucts due to a configuration issue. This	s is being investigated and will be updated in the next SW update.		
Number of products with errors: 1				
Product	Test Failed	Description		
CS_OFFL_SIR_IOPM1B_20180706T094622_20180706T094835_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records		
4.6 L1B Waveform Group Data Check				
CryoSat L1B data includes a waveform data flag for each measurement recor	d. The bit value of this flag indicates a	any problems when set.		
Loss of Echo Flag: This flag is currently set for products over land, but this is	-			
Number of products with errors: 15				
Product	Test Failed	Description		
CS_OFFL_SIR_IOPM1B_20180706T060009_20180706T060557_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPM1B_20180706T130856_20180706T131007_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20180706T011514_20180706T011746_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20180706T043346_20180706T043602_C001	Loss of Echo	The tracking echo is missing for one or more records		
	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20180706T060925_20180706T061321_C001				
CS_OFFL_SIR_IOPN1B_20180706T060925_20180706T061321_C001 CS_OFFL_SIR_IOPN1B_20180706T061330_20180706T061435_C001	Loss of Echo	The tracking echo is missing for one or more records		
CS_OFFL_SIR_IOPN1B_20180706T060925_20180706T061321_C001 CS_OFFL_SIR_IOPN1B_20180706T061330_20180706T061435_C001 CS_OFFL_SIR_IOPN1B_20180706T092527_20180706T092951_C001	Loss of Echo Loss of Echo	The tracking echo is missing for one or more records The tracking echo is missing for one or more records		
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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: 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. 0

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

1

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:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180706T094622_20180706T094835_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

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

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

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

Ice Range Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 74

	Test Failed	Description The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T000039_20180706T002224_C001	Ocean Range Averaging Status	records. The lce Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T002959_20180706T003408_C001	Ice Range Averaging Status	records.
S_OFFL_SIR_IOPM_2_20180706T003820_20180706T005547_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T012527_20180706T020049_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T020912_20180706T021257_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T021955_20180706T025116_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T025246_20180706T025543_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T030358_20180706T031832_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T032435_20180706T034028_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T034234_20180706T034751_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T034826_20180706T035004_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T035809_20180706T041133_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T041347_20180706T042705_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T042855_20180706T043010_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T045311_20180706T050333_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T050512_20180706T051919_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T052200_20180706T052702_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T054132_20180706T054807_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T055258_20180706T055725_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T070229_20180706T070619_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T071315_20180706T074032_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
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S_OFFL_SIR_IOPM_2_20180706T081315_20180706T083735_C001	Ocean Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T084012_20180706T084532_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T084539_20180706T084905_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T085246_20180706T090335_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T090913_20180706T092526_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T094839_20180706T100833_C001	Ocean Range Averaging Status	records.
S_OFFL_SIR_IOPM_2_20180706T101202_20180706T101654_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T102012_20180706T102810_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T103238_20180706T110524_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T111845_20180706T111946_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T114039_20180706T115541_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T115944_20180706T120459_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T121142_20180706T123314_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T123559_20180706T124626_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T125658_20180706T130042_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T131600_20180706T132204_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T132352_20180706T133421_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T135120_20180706T142736_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
S_OFFL_SIR_IOPM_2_20180706T143952_20180706T151134_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T152112_20180706T152306_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T152512_20180706T152812_C001	Ice Range Averaging Status	records. The Ice Range Averaging Status Flag has been set for one or more
S OFFL SIR IOPM 2 20180706T153029 20180706T155833 C001	Ocean Range Averaging Status	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
S_OFFL_SIR_IOPM_2_20180706T161506_20180706T161739_C001	Ice Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T162008_20180706T163612_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
	Ocean Range Averaging Status	records.
S_OFFL_SIR_IOPM_2_20180706T165237_20180706T165335_C001		The Ice Range Averaging Status Flag has been set for one or more
S_OFFL_SIR_IOPM_2_20180706T165237_20180706T165335_C001 S_OFFL_SIR_IOPM_2_20180706T165945_20180706T170225_C001 S_OFFL_SIR_IOPM_2_20180706T170244_20180706T170712_C001	Ice Range Averaging Status	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

CS_OFFL_SIR_IOPM_2_20180706T172540_20180706T172823_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T180229_20180706T180818_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T181102_20180706T183422_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T183737_20180706T184621_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T184930_20180706T191334_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T194538_20180706T201321_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T201953_20180706T202414_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T202830_20180706T205417_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T212103_20180706T213607_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T214140_20180706T215156_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T215905_20180706T220453_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T220729_20180706T221238_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T221551_20180706T222154_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T224402_20180706T224501_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T225743_20180706T233112_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T233811_20180706T234324_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T234701_20180706T234811_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180706T133817_20180706T134124_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180706T175624_20180706T175851_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180706T201533_20180706T201705_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180706T002956_20180706T002959_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180706T063523_20180706T063648_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180706T151134_20180706T151837_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180706T221239_20180706T221551_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. 72

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180706T000039_20180706T002224_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_20180706T002959_20180706T003408_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T003820_20180706T005547_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_20180706T012527_20180706T020049_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_20180706T020912_20180706T021257_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T021955_20180706T025116_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_20180706T025246_20180706T025543_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T030358_20180706T031832_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_20180706T032435_20180706T034028_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_20180706T034234_20180706T034751_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T035809_20180706T041133_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_20180706T041347_20180706T042705_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_20180706T042855_20180706T043010_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_20180706T045311_20180706T050333_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_20180706T050512_20180706T051919_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_20180706T052200_20180706T052702_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180706T054132_20180706T054807_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_20180706T055258_20180706T055725_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_20180706T063649_20180706T065751_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_20180706T070229_20180706T070619_C001 CS OFFL SIR IOPM 2 20180706T071315 20180706T074032 C001 CS_OFFL_SIR_IOPM_2_20180706T081315_20180706T083735_C001 CS_OFFL_SIR_IOPM_2_20180706T084012_20180706T084532_C001 CS_OFFL_SIR_IOPM_2_20180706T084539_20180706T084905_C001 CS_OFFL_SIR_IOPM_2_20180706T085246_20180706T090335_C001 CS OFFL SIR IOPM 2 20180706T090913 20180706T092526 C001 CS OFFL SIR IOPM 2 20180706T094839 20180706T100833 C001 CS_OFFL_SIR_IOPM_2_20180706T101202_20180706T101654_C001 CS_OFFL_SIR_IOPM_2_20180706T102012_20180706T102810_C001 CS_OFFL_SIR_IOPM_2_20180706T103238_20180706T110524_C001 CS_OFFL_SIR_IOPM_2_20180706T111845_20180706T111946_C001 CS OFFL SIR IOPM 2 20180706T114039 20180706T115541 C001 CS_OFFL_SIR_IOPM_2_20180706T115944_20180706T120459_C001 CS_OFFL_SIR_IOPM_2_20180706T121142_20180706T123314_C001 CS OFFL SIR IOPM 2 20180706T123559 20180706T124626 C001 CS_OFFL_SIR_IOPM_2_20180706T125658_20180706T130042_C001 CS_OFFL_SIR_IOPM_2_20180706T131600_20180706T132204_C001 CS_OFFL_SIR_IOPM_2_20180706T132352_20180706T133421_C001 CS_OFFL_SIR_IOPM_2_20180706T135120_20180706T142736_C001 CS_OFFL_SIR_IOPM_2_20180706T143952_20180706T151134_C001 CS OFFL SIR IOPM 2 20180706T152112 20180706T152306 C001 CS_OFFL_SIR_IOPM_2_20180706T152512_20180706T152812_C001 CS OFFL SIR IOPM 2 20180706T153029 20180706T155833 C001 CS OFFL SIR IOPM 2 20180706T161506 20180706T161739 C001 CS OFFL SIR IOPM 2 20180706T162008 20180706T163612 C001 CS_OFFL_SIR_IOPM_2_20180706T165237_20180706T165335_C001 CS_OFFL_SIR_IOPM_2_20180706T165945_20180706T170225_C001 CS_OFFL_SIR_IOPM_2_20180706T170244_20180706T170712_C001 CS OFFL SIR IOPM 2 20180706T170959 20180706T172400 C001 CS_OFFL_SIR_IOPM_2_20180706T172540_20180706T172823_C001 CS_OFFL_SIR_IOPM_2_20180706T180229_20180706T180818_C001 CS_OFFL_SIR_IOPM_2_20180706T181102_20180706T183422_C001 CS_OFFL_SIR_IOPM_2_20180706T183737_20180706T184621_C001 CS_OFFL_SIR_IOPM_2_20180706T184930_20180706T191334_C001 CS OFFL SIR IOPM 2 20180706T194538 20180706T201321 C001 CS_OFFL_SIR_IOPM_2_20180706T201953_20180706T202414_C001 CS OFFL SIR IOPM 2 20180706T202830 20180706T205417 C001 CS OFFL SIR IOPM 2 20180706T212103 20180706T213607 C001 CS_OFFL_SIR_IOPM_2_20180706T214140_20180706T215156_C001 CS_OFFL_SIR_IOPM_2_20180706T215905_20180706T220453_C001 CS OFFL SIR IOPM 2 20180706T220729 20180706T221238 C001 CS_OFFL_SIR_IOPM_2_20180706T221551_20180706T222154_C001 CS OFFL SIR IOPM 2 20180706T224402 20180706T224501 C001 CS_OFFL_SIR_IOPM_2_20180706T225743_20180706T233112_C001 CS_OFFL_SIR_IOPM_2_20180706T233811_20180706T234324_C001 CS OFFL SIR IOPN 2 20180706T133817 20180706T134124 C001 CS_OFFL_SIR_IOPN_2_20180706T175624_20180706T175851_C001 CS_OFFL_SIR_IOPN_2_20180706T201533_20180706T201705_C001 CS OFFL SIR IOPR 2 20180706T002956 20180706T002959 C001 CS_OFFL_SIR_IOPR_2_20180706T063523_20180706T063648_C001

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

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

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

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Ice Backscatter Averaging Status

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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

Ice 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 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 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 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.

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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 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 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 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 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 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.

CS_OFFL_SIR_IOPR_2_20180706T151134_20180706T151837_C001 CS_OFFL_SIR_IOPR_2_20180706T221239_20180706T221551_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.			
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.					
Dcean 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: 51					
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: 0					
6.2 P2P Product Header Analysis					
For all products, a series of pre-defined checks are performed on the MPH an	d 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 pr	e-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 Number of products with errors: 0	ecked for the default error value (32767).				
6.5 P2P Measurement Confidence Data Check					
CryoSat P2P data includes a measurement confidence flag for each 20-Hz me	easurement record. The bit value of this flag in	ndicates any problems when set.			
Number of products with errors: 1					
Product	Test Failed	Description			
CS_OFFL_SIR_IOP_220180706T093527_20180706T102502_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records			
6.6 P2P Range Measurement Check					
CryoSat P2P data includes an Ocean and Ice Range Averaging Status flag fo Currently, there are two common status flags raised in the P2P products highlighting any additional issues which may arise from this test. Ocean Range Averaging Status Flag: This flag is currently set for products of	which are expected due to surface type. A	Il common flags are summarised in the list below, followed by a table			
Currently, there are two common status flags raised in the P2P products	which are expected due to surface type. A	Il common flags are summarised in the list below, followed by a table			
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CS_OFFL_SIR_IOP_220180706T170156_20180706T175134_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_220180706T175134_20180706T184110_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_220180706T184110_20180706T193048_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_220180706T193048_20180706T202024_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_220180706T202024_20180706T211002_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_220180706T211002_20180706T215937_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180706T215937_20180706T224915_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_220180706T224915_20180706T233851_C001	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when set.

Currently, there are three common status flags raised in the P2P products which are expected due to surface type. All common flags are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

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

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

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 29

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180705T234005_20180706T002941_C002	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_220180706T002941_20180706T011919_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_220180706T011919_20180706T020854_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_220180706T020854_20180706T025832_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_220180706T025832_20180706T034808_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_220180706T034808_20180706T043746_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_220180706T043746_20180706T052721_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_220180706T052721_20180706T061659_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_220180706T061659_20180706T070635_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_220180706T070635_20180706T075613_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_220180706T075613_20180706T084549_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_220180706T084549_20180706T093527_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_220180706T093527_20180706T102502_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_220180706T102502_20180706T111440_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_220180706T111440_20180706T120416_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_220180706T120416_20180706T125354_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_220180706T125354_20180706T134329_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_220180706T134329_20180706T143307_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_220180706T143307_20180706T152243_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_220180706T152243_20180706T161221_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_220180706T161221_20180706T170156_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_220180706T170156_20180706T175134_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_220180706T175134_20180706T184110_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_220180706T184110_20180706T193048_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_220180706T193048_20180706T202024_C001		The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180706T202024_20180706T211002_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_220180706T211002_20180706T215937_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220180706T215937_20180706T224915_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_220180706T224915_20180706T233851_C001	00	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

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

29

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 wit	h errors:

CS_OFFL_SIR_IOP_2_201807007002941_201807081701919_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_2018070870191919_201807081703854_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807087003832_20180708703454_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180708703454_20180708703474_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807087035721_201807087035721_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_2018070870570345_2018070870535_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180707070585_2018070870535_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180707070543_201807067035_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180707070543_201807067102503_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records.	Product	Test Failed	Description
CS_OFFL_SIR_IOP_2_20180700011919_201807061702884_C001 Decam Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807000102842_001007061704874_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807061703746_001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807061703746_001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807061703745_0180707610552_001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807061707635_0180707635_001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807061707635_0180707635_001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180706104544_0.018070610352_001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_2018070611444_0.01807061112432_001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201807061113432_0	CS_OFFL_SIR_IOP_220180705T234005_20180706T002941_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180706702894_20180706702832_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180706702802_20180706703408_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180706705408_20180706705721_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180706705721_2018070670585_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_2018070670585_C018070670583_C018070670583_C018070670583_C018070670583_C018070670583_2018070670583_C0180706705832_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180706710583_C0190707070503527_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20180706710220_201807067112491_C001 Ocean Retracking Quality Flag The Ocean Retracking Quality Flag has been set for one or more records.	CS_OFFL_SIR_IOP_220180706T002941_20180706T011919_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
C.S., OFFL_SIR_JOP20180706703408_20180706703408_2001Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP20180706703408_20180706703746_2001Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP20180706703766_201807067035_201400Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_20180706706705721_2018070670635_201400Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_2018070670670535_20140070670635_201400Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_20180706706705432_201807067063527_C001Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_20180706706705432_20180706703527_C001Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_20180706710320_20180706710320_20160706711440_2001Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_20180706710320_20180706710320_201Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_20180706710320_20180706713420_2001Ocean Retracking Quality FlagThe Ocean Retracking Quality Flag has been set for one or more records.C.S., OFFL_SIR_JOP_2_201807067163242_0180706716324_2001Ocean Retracking Quality Flag<	CS_OFFL_SIR_IOP_220180706T011919_20180706T020854_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
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