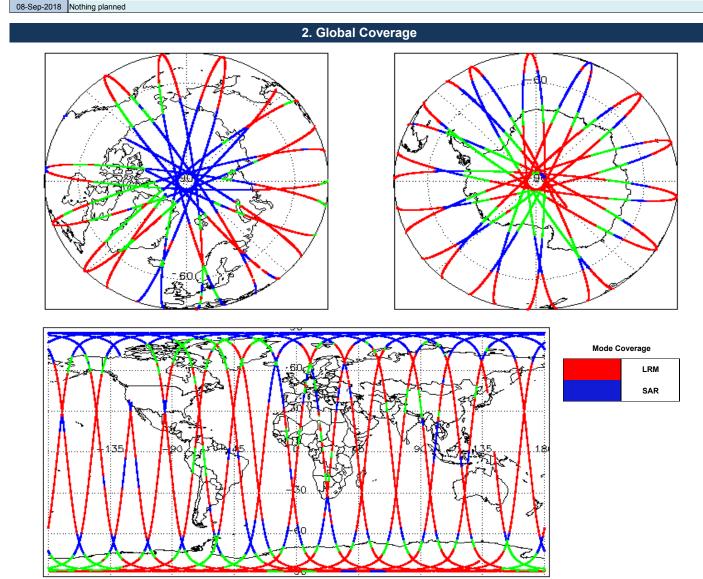


# IDEAS+ Daily Report for IOP data:

# 07/09/2018

		1. Overview		
Den ert Dreductions	10.000 2010	Check	L1 & L2	P2P
Report Production:	10-Sep-2018	Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CrueSet Oscar Presses	Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Processor Used:	CryoSat Ocean Processor	Product Software Check	Nominal	Nominal
	Intermediate Ocean Products (IOP)	Product Format Check	Nominal	Nominal
Data Used:	L1B, L2 & P2P Science Data	Product Header Analysis	Nominal	Nominal
•		Auxiliary Data File Usage Check	Nominal	Nominal
		Auxiliary Correction Error Check	Nominal	Nominal
		Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
		Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
		Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

# Mission / Instrument News 06-Sep-2018 None 07-Sep-2018 None



# 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 Se	et Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.
Number of products with errors:	0
4.4 L1B Auxiliary Correction E	rror Check
4.4 L1B Auxiliary Correction E CryoSat L1B data includes a correction error	Fror Check
,	

CryoSat L1B data includes a measurement confidence flag for each measurement record. The bit value of this flag indicates any problems when set.

3

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Attitude Correction Missing: This flag is currently set in error for IOPR products due to a configuration issue. This is being investigated and will be updated in the next SW update.

# Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180907T015551_20180907T020209_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20180907T041528_20180907T042255_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_IOPM1B_20180907T073727_20180907T073941_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

#### 4.6 L1B Waveform Group Data Check

CryoSat L1B data includes a waveform data flag for each measurement record. The bit value of this flag indicates any problems when set.

Loss of Echo Flag: This flag is currently set for products over land, but this is to be expected.

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20180907T010604_20180907T011710_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180907T022156_20180907T022414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180907T141413_20180907T142803_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180907T182307_20180907T185010_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180907T185629_20180907T190058_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20180907T220204_20180907T220633_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T004425_20180907T004650_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T004654_20180907T004842_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T014813_20180907T014945_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T022508_20180907T022934_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T091103_20180907T091203_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T123247_20180907T123433_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T130835_20180907T131447_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T141206_20180907T141413_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T154701_20180907T155200_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20180907T221750_20180907T222045_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T025320_20180907T025821_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T054448_20180907T055324_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T133836_20180907T134015_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T164143_20180907T164427_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T172214_20180907T172722_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T185132_20180907T185208_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T212503_20180907T212826_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20180907T221545_20180907T221648_C001	Loss of Echo	The tracking echo is missing for one or more records

# 5. IOP Level 2 Data Quality Check

#### 5.1 L2 Product Format Check

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

Number of products with errors:

#### 5.2 L2 Product Header Analysis

For all products, a series of pre-defined checks are performed on the MPH and SPH in order to identify any inconsistencies and/or errors raised by the ground-segment processing chain. 0 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. 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).

Number of products with errors:

0

#### 5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:	3
Number of products with errors.	0

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180907T015551_20180907T020209_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOPM_2_20180907T041528_20180907T042255_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOPM_2_20180907T073727_20180907T073941_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. 78

CityPert         Still Jonku J. Unitedemittation of an one conception.         Instrage Averaging States         Instrage Averaging States           CityPert         Still Jonku J. 20100007100022.001         Ice Range Averaging States         The Concemposition of average states         The Concemposition of average states           CityPert         Still Jonku J. 20100007100022.001         Concern Range Averaging States         The Concemposition of average states           CityPert         Still Jonku J. 20100007100022.001         Concern Range Averaging States         The Concemposition of average states           CityPert         Still Jonku J. 201000071010042.0010         Concern Range Averaging States         The Concemposition of average states           CityPert         Still Jonku J. 201000071010042.0010         Concern Range Averaging States         The Concemposition of average states           CityPert         Still Jonku J. 201000071010042.0010         Concern Range Averaging States         The Concemposition of average states           CityPert         Still Jonku J. 201000071010042.0010         Concern Range Averaging States         The Concemposition of average states           CityPert         Still Jonku J. 201000071010042.0010         Concern Range Averaging States         The Concem Range Averaging States           CityPert         Still Jonku J. 201000071001042.0010         Concemposition of average states         The Concemposition of average states	Product	Test Failed	Description
CCUTT_SIGNOR_20180007100002_0180007100002_001         Ice hange Averaging Status Fing has been set for one or more construction of the set of th			The Ice Range Averaging Status Flag has been set for one or more
Construction         Construction<	CS_OFFL_SIR_IOPM_2_20180907T000242_20180907T000249_C001	Ice Range Averaging Status	
Control         Dealer hange Averaging Status         The Control         Dealer hange Averaging	CS_OFFL_SIR_IOPM_2_20180907T001343_20180907T002608_C001	Ocean Range Averaging Status	
Col, DTL, SH, OML 2, 20160071100042, 2016007110118, 2016007110112, 201600	CS_OFFL_SIR_IOPM_2_20180907T002732_20180907T004425_C001	Ocean Range Averaging Status	
Corr, Sm. Unit, 2, 0180007101504, 2018007101339, COB         Cobin Range Averaging Status         Incode.           C3, OFFL, SM, UNIX, 2, 0180007101364, 20180007101339, COB         Cobin Range Averaging Status         The Coan Range Averaging Status Flag has been set for one or more record.           C3, OFFL, SM, UNIX, 2, 0180007101364, 20180007101432, COB         Cob Range Averaging Status         The Coan Range Averaging Status	CS_OFFL_SIR_IOPM_2_20180907T004842_20180907T004922_C001	Ice Range Averaging Status	
Corr, San, Joning, 2, Dislow 1101 Intra-2, Dislow 1102 Intra-2, Dislow	CS_OFFL_SIR_IOPM_2_20180907T010604_20180907T011710_C001	Ocean Range Averaging Status	
<ul> <li>Construction of the fail providing status</li> <l< td=""><td>CS_OFFL_SIR_IOPM_2_20180907T011913_20180907T013339_C001</td><td>Ocean Range Averaging Status</td><td></td></l<></ul>	CS_OFFL_SIR_IOPM_2_20180907T011913_20180907T013339_C001	Ocean Range Averaging Status	
CS, OFFL, SH, UPM 2, 20180007101542, 20180007101542, 2001 Ocen Range Averaging Status Tecores. CS, OFFL, SH, UPM 2, 20180007101562, 20180007101542, 2001 Ocen Range Averaging Status Tecores. CS, OFFL, SH, UPM 2, 20180007102581, 2018007103520, 2001 Ocen Range Averaging Status Tecores. CS, OFFL, SH, UPM 2, 20180007103521, 2018007103520, 2001 Ocen Range Averaging Status Tec Ocen Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071035337, 2001 Ocen Range Averaging Status Tec Ocen Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071035347, 2001 Ocen Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071035347, 2001 Ocen Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 20180007104520, 201800071050340, 2001 Ocen Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071050342, 201800071050340, 2001 Ocen Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071050340, 2001 Ocen Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071053343, 2001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071053343, 2001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 20180007105342, 2018007105343, 2001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 20180007105342, 2018007105343, 2001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS, OFFL, SH, UPM 2, 201800071063521, 20180	CS_OFFL_SIR_IOPM_2_20180907T013640_20180907T014135_C001	Ice Range Averaging Status	
Ce_UFF_SEL_OFM_2_2018007T00356_0110007T00320_0010 Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_2018007T032842_20180007T032100_0001 Ee Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T032842_20180007T032100_0001 Ee Range Averaging Status File has been set for one or more records. The Ocean Range Averaging Status File has been set for one or more records. The Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_SEL_OFM_2_20180007T032842_20180007T032100_0001 Ee Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_SEL_OFM_2_20180007T032842_20180007T032842_20190007T053357_C001 Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_SEL_OFM_2_20180007T032842_20180007T053367_C001 Cee Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_SEL_OFM_2_20180007T032342_20180007T05334_C001 Cee Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T032342_20180007T05334_C001 Ceen Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T032342_20180007T05334_C001 Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T03234_20180007T05334_C001 Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T03242_20180007T05343_C001 Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T03242_20180007T05342_C001 Cee Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T03242_20180007T03242_001 Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T03242_20180007T03242_001 Ocean Range Averaging Status File has been set for one or more records. Ce_OFF_SEL_OFM_2_20180007T03242_20180007T03242_001 Ocean Range Averaging Status File has been set for	CS_OFFL_SIR_IOPM_2_20180907T014211_20180907T014329_C001	Ice Range Averaging Status	
Concernence         Concernence         Records           CS_OFFL_SIR_JOPM_2_201600071025821_201600071031220_C001         Cocan Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_201600071032642_2016000710320357_C001         Cocan Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_201600071032642_2016000710320357_C001         Cocan Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_201600071042123_C00100002_C001         ce Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20160007105023_201600071050340_C001         te Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20160007105023_20160007105340_C001         te Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20160007105240_20160007105340_C001         Cocan Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_201600071064230_20160007106430_C001         te Range Averaging Status         The Cocan Range Averaging Status File (has been set for one or more records.           CS_OFFL_SIR_JOPM_2_201600071064230_20160007106430_C001         te Range Averag	CS_OFFL_SIR_IOPM_2_20180907T015038_20180907T015442_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_JOPM_2_2018007T03542_0180007T032103_C001         Code Integra Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T03242_02160007T032103_C001         Code Range Averaging Status         The Code Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T04273_02169007T035324_02010         Ocean Range Averaging Status         The Code Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T045232_0180007T045232_0010         Code Range Averaging Status         The Loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T04523_0180007T050343_0001         code Range Averaging Status         The Loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T050342_0180007T050343_0001         Code Range Averaging Status         The Loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T05343_00007T050343_0001         Code Range Averaging Status         The Loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T06342_0180007T06354_001         Code Range Averaging Status         The Loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007T06342_02108007T06354_001         Code Range Averaging Status         The Loc Range Averaging Status Flag has been set for one or more records. <t< td=""><td>CS_OFFL_SIR_IOPM_2_20180907T020756_20180907T022032_C001</td><td>Ocean Range Averaging Status</td><td></td></t<>	CS_OFFL_SIR_IOPM_2_20180907T020756_20180907T022032_C001	Ocean Range Averaging Status	
CS_CFT_SR_UOPM_2_20180007103165_01800071032105_C001       Coean Range Averaging Status       The Ocean Range Averaging Status Tag has been set for one or more records.         CS_OFT_SIR_UOPM_2_201800071042730_20190007104312_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFT_SIR_UOPM_2_20180007104023_0180007105002_C001       tec Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFT_SIR_UOPM_2_20180007104023_01800071050036_C001       tec Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFT_SIR_UOPM_2_201800071050236_0101       Coean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFT_SIR_UOPM_2_20180007105400_01050356_C001       Coean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFT_SIR_UOPM_2_20180007105402_01800071050356_C001       Coean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFT_SIR_UOPM_2_20180007105402_01800071050351_C001       tec Range Averaging Status       The Ice Range Averaging Status         CS_OFT_SIR_UOPM_2_20180007105352_01800071054251_C001       tec Range Averaging Status       The Ice Range Averaging Status         CS_OFT_SIR_UOPM_2_201800071054251_201800071054734_C001       Coean Range Averaging Status Flag has been set for one or more records. </td <td>CS_OFFL_SIR_IOPM_2_20180907T025821_20180907T031220_C001</td> <td>Ocean Range Averaging Status</td> <td></td>	CS_OFFL_SIR_IOPM_2_20180907T025821_20180907T031220_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_JOPM_2_20180907T03244_20180907T035357_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T042730_20180907T036024_C001         tice Range Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T050022_20180007T050024_C001         tice Range Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T050224_20180907T050343_C001         Ocean Range Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T052249_20180907T053343_C001         Ocean Range Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T05402_D1080907T05345_C001         Ocean Range Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T05402_D1080907T05345_C001         Cean Range Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T06345_C001         Cean Range Averaging Status         The loc Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180907T06345_C001         Cean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS	CS_OFFL_SIR_IOPM_2_20180907T031615_20180907T032103_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Co_CFFL_SIR_LOFM_2_20180007T05232_0180007T05314_C001 Use Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00007T05314_C001 Use Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00007T05314_C001 Use Range Averaging Status Feedrals The los Range Averaging Status Flag has been set for one or more CS_OFFL_SIR_LOFM_2_20180007T05302_00007T05314_C001 Ocean Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00007T05314_C001 Ocean Range Averaging Status Feedrals Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00007T053034_C001 Ocean Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00007T053034_C001 Ocean Range Averaging Status Feedrals The los Range Averaging Status Flag has been set for one or more Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00007T05302_001 Ocean Range Averaging Status Feedrals The los Range Averaging Status Flag has been set for one or more Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00180007T053016_C001 Cee Range Averaging Status Feedrals The los Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_00180007T05374_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05303_00180007T05374_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05302_0180007T05374_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05303_0180007T05370_C001 Ocean Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05320_010007T08142_001 Ee Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05320_010007T08142_001 Ee Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05352_001 Cee Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_2_20180007T05452_02_0180007T05452_001 Cee Range Averaging Status The Cocan Range Averaging Status Feedrals CS_OFFL_SIR_LOFM_	CS_OFFL_SIR_IOPM_2_20180907T032842_20180907T035357_C001	Ocean Range Averaging Status	
Col., DFT_CSIR_UPM_2_2010080/T08002_201008007T0500348_0001         Dec Range Averaging Status         The ice Range Averaging Status         The ice Range Averaging Status Flag has been set for one or more errords.           CS_OFF_SIR_OPM_2_20180807T050728_00180807T050348_0001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more errords.           CS_OFF_SIR_OPM_2_20180807T050348_0001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more errords.           CS_OFF_SIR_OPM_2_20180807T05343_001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more errords.           CS_OFF_SIR_OPM_2_20180807T053432_00180807T063345_0001         toce Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more errords.           CS_OFF_SIR_OPM_2_20180807T063321_0180807T063345_0001         toce Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFF_SIR_OPM_2_20180807T06332_0180807T064739_0180807T064734_0001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFF_SIR_OPM_2_20180807T080456_0180807T073047_0001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFF_SIR_OPM_2_20180807T08142_00180807T073814_0001         tocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for	CS_OFFL_SIR_IOPM_2_20180907T042730_20180907T045122_C001	Ocean Range Averaging Status	
City CHF_SIR_OPM_2_201808071050328_201808071051818_C001         Deak Range Averaging Status         records.           CS_OFFL_SIR_IOPM_2_201808071050728_201808071053343_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201808071053343_201808071053343_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201808071053342_201808071063351_C001         Ice Range Averaging Status         The Ice Cang Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201808071063321_20180807106331_C001         Ice Range Averaging Status         The Ice Cange Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201808071064739_201808071064734_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201808071064730_201809071072047_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_20180807108402_0180907108418_0011         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_20180807108402_0180907108414_C001         Ice Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_20180907108	CS_OFFL_SIR_IOPM_2_20180907T045612_20180907T050002_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907105324_20180907105334_0001         Codean Range Averaging Status         Fecords.           CS_OFFL_SIR_IOPM_2_201809071052349_201809071053343_0001         Ocean Range Averaging Status         The OCean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071053428_201809071053916_C001         Ice Range Averaging Status         The OCean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071063921_201809071064251_C001         Ice Range Averaging Status         The OCean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071064739_201809071064739_C001         Ocean Range Averaging Status         The OCean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071064739_20180907107047_C001         Ocean Range Averaging Status         The OCean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071080730_C001         Ocean Range Averaging Status         The OCean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_20180907108142_0180907108144_C001         Ice Range Averaging Status         The OCean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_20180907108142_020180907108144_C001         Ice Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_20180907108142_0180907	CS_OFFL_SIR_IOPM_2_20180907T050023_20180907T050348_C001	Ice Range Averaging Status	
CS_OFFL_SIR_JOPM_2_2018007/105342_00         Doesn Range Averaging Status         records.           CS_OFFL_SIR_JOPM_2_201800771053428_00180077063345_0001         Ocean Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_201800077063321_201800077063321_00007706332_000077064739_001000077064739_001000077065734_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007703213_0100007703215_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007703213_01000077080730_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007708142_01800077081702_020180077081703_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_20180007708142_01800077081704747_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_JOPM_2_201800077091203_201800077091535_C001         Ocean Range Averaging Status         The Ocean	CS_OFFL_SIR_IOPM_2_20180907T050726_20180907T051818_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_201808071083402_0180807108345_20180807108345         Construction         Construction <thconstruction< th="">         Construction</thconstruction<>	CS_OFFL_SIR_IOPM_2_20180907T052349_20180907T053343_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907106342_20180907106425_0001       Ick Range Averaging Status       records.         CS_OFFL_SIR_IOPM_2_20180907106425_0001       Ick Range Averaging Status       The loce Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071064739_201809071065734_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071072047_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071073213_201809071073018_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071080546_2018090710801700010       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071081940_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071081942_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071081942_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071091535_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one	CS_OFFL_SIR_IOPM_2_20180907T055400_20180907T063055_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_201808/7108321_20180907108321_201       Ibb Rainge Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180807106533_201809071072047_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201808071073213_201809071073213_201809071073018_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180807108046_201809071080730_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201808071081420_201809071081742_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071082702_201809071084747_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_2018090710807109156_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907109150_20180907109155_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907109150_20180907109422_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records. <t< td=""><td>CS_OFFL_SIR_IOPM_2_20180907T063428_20180907T063916_C001</td><td>Ice Range Averaging Status</td><td></td></t<>	CS_OFFL_SIR_IOPM_2_20180907T063428_20180907T063916_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907106373_20180907102047_C001         Ocean Range Averaging Status         records.           CS_OFFL_SIR_IOPM_2_201809071073213_201809071073018_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071073213_201809071073018_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071081420_201809071081944_C001         Ice Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071081420_201809071084747_C001         Ice Range Averaging Status         The Ice Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071085033_201809071094747_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071085033_201809071091535_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071095346_201809071095842_C001         Ocean Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_201809071095346_201809071095842_C001         Ice Range Averaging Status         The Ocean Range Averaging Status Flag has been set for one or more records.           CS_OFFL_SIR_IOPM_2_2018	CS_OFFL_SIR_IOPM_2_20180907T063921_20180907T064251_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907103213_201809071073618_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071080546_201809071080730_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071081420_201809071081944_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071082702_201809071084747_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071085033_0180907109156_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071091203_01809071091535_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071093150_01809071094823_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071100542_01809071094823_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_201809071100542_01809071104146_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         C	CS_OFFL_SIR_IOPM_2_20180907T064739_20180907T065734_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_LOPM_2_201809071073215_01809071073816_0001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_LOPM_2_20180907T080546_20180907T081944_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T082702_20180907T084747_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T085033_20180907T094747_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T08103_20180907T091535_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T091305_0180907T094823_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T093150_20180907T094823_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T1093150_20180907T1094823_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T109542_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OF	CS_OFFL_SIR_IOPM_2_20180907T065933_20180907T072047_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907106048_201809071080730_C001       Ocean Range Averaging Status       records.         CS_OFFL_SIR_IOPM_2_20180907T081420_20180907T081944_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T082702_20180907T084747_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T091035_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T091203_20180907T091535_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T093150_20180907T094823_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T093160_20180907T095842_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T105307_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T1105207_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T112621_C001       Ocean Ra	CS_OFFL_SIR_IOPM_2_20180907T073213_20180907T073618_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_201809071081420_201809071081442_0001       Icter Range Averaging Status       records.         CS_OFFL_SIR_IOPM_2_20180907T082702_20180907T084747_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T085033_20180907T09156_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T091203_20180907T091535_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T093150_20180907T094823_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T095346_20180907T095842_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T10542_20180907T1095842_C001       Ice Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T10542_20180907T105307_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001	CS_OFFL_SIR_IOPM_2_20180907T080546_20180907T080730_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T091203_20180907T09156_C001Ocean Range Averaging Statusrecords.CS_OFFL_SIR_IOPM_2_20180907T091203_20180907T091535_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T091203_20180907T091535_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T093150_20180907T094823_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T095346_20180907T095842_C001Ice Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T104146_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T105211_20180907T105307_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001Ice Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T11444_20180907T1120266_C001Ocean Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T1124144_20180907T11221621Ocean Range Averaging StatusThe Ice Range Averaging Status Fl	CS_OFFL_SIR_IOPM_2_20180907T081420_20180907T081944_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_201809071091203_201809071091535_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T093150_20180907T094823_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T095346_20180907T095842_C001Ice Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T1095346_20180907T095842_C001Ice Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T104146_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T105211_20180907T105307_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T1105211_20180907T112621_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001Ice Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001Ocean Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T1121414_20180907T121521_C001Ocean Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T1131444_20180907T121521_C001<	CS_OFFL_SIR_IOPM_2_20180907T082702_20180907T084747_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T091203_20180907T094823_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T095346_20180907T095842_C001Ice Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T109542_20180907T104146_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T105211_20180907T105307_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001Ice Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001Ocean Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T11214144_20180907T112512_C001Ocean Range Averaging StatusThe Ice Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T12121414_20180907T121521_C001Ocean Range Averaging StatusThe Ocean Range Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_IOPM_2_20180907T1121541_2018	CS_OFFL_SIR_IOPM_2_20180907T085033_20180907T090156_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T095346_20180907T095842_C001       Ice Range Averaging Status       records.         CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T1095842_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T105446_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T105211_20180907T105307_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T1121541_20180907T1120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T1212151_C001       Ocean Ra	CS_OFFL_SIR_IOPM_2_20180907T091203_20180907T091535_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T104146_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T105211_20180907T105307_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T112621_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T120206_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T1212151_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180907T093150_20180907T094823_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T105342_20180907T105307_C001       Ocean Range Averaging Status       records.         CS_OFFL_SIR_IOPM_2_20180907T105211_20180907T105307_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T12121414_20180907T121521_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180907T095346_20180907T095842_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001       Ocean Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T1121541_20180907T120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T1212151_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180907T100542_20180907T104146_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T11254_20180907T112621_C001       Ocean Range Averaging Status       records.         CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001       Ice Range Averaging Status       The Ice Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T1120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.         CS_OFFL_SIR_IOPM_2_20180907T1212414_20180907T121521_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20180907T105211_20180907T105307_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status         CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T120206_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status         CS_OFFL_SIR_IOPM_2_20180907T1212414_20180907T121521_C001       Ocean Range Averaging Status       The Ocean Range Averaging Status	CS_OFFL_SIR_IOPM_2_20180907T110219_20180907T112621_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_201809071114549_201809071120206_C001 Ocean Range Averaging Status records. CS_OFFL_SIR_IOPM_2_201809071121521_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_IOPM_2_20180907T113554_20180907T113747_C001	Ice Range Averaging Status	
	CS_OFFL_SIR_IOPM_2_20180907T114549_20180907T120206_C001	Ocean Range Averaging Status	
	CS_OFFL_SIR_IOPM_2_20180907T121414_20180907T121521_C001	Ocean Range Averaging Status	

CS_OFFL_SIR_IOPM_2_20180907T121523_20180907T122100_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T123433_20180907T125052_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T125306_20180907T130731_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T131447_20180907T131659_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T131743_20180907T132200_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T132435_20180907T133836_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T134015_20180907T140059_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T140852_20180907T140929_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T141037_20180907T141206_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T141413_20180907T142803_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T143501_20180907T144813_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T145239_20180907T150102_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T150429_20180907T152603_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T155200_20180907T155947_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T160209_20180907T160515_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T160525_20180907T162756_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T163425_20180907T163919_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T164428_20180907T170740_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T174052_20180907T175047_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T175625_20180907T180620_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T181345_20180907T181943_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T182307_20180907T185010_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T185629_20180907T190058_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T191237_20180907T194505_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T195253_20180907T195814_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T200328_20180907T200436_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T200448_20180907T200610_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T203610_20180907T204001_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T205140_20180907T210056_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T210342_20180907T212503_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T213301_20180907T213708_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T214238_20180907T215212_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T215359_20180907T215959_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T222843_20180907T230336_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T232252_20180907T235425_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T235646_20180907T235844_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180907T132200_20180907T132335_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180907T235426_20180907T235529_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180907T014945_20180907T015038_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180907T072411_20180907T072421_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.

Product	Test Failed	Description
CS_OFFL_SIR_IOPM_2_20180906T235714_20180907T000236_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T000242_20180907T000249_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
	00	The SWH and Ocean Averaging Status Flags have been set for one or more records.

CS\_OFFL\_SIR\_IOPM\_2\_20180907T002732\_20180907T004425\_C001 CS OFFL SIR IOPM 2 20180907T004842 20180907T004922 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T010604\_20180907T011710\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T011913\_20180907T013339\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T013640\_20180907T014135\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T014211\_20180907T014329\_C001 CS OFFL SIR IOPM 2 20180907T015038 20180907T015442 C001 CS OFFL SIR IOPM 2 20180907T020756 20180907T022032 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T025821\_20180907T031220\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T031615\_20180907T032103\_C001 CS OFFL SIR IOPM 2 20180907T032842 20180907T035357 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T042730\_20180907T045122\_C001 CS OFFL SIR IOPM 2 20180907T045612 20180907T050002 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T050726\_20180907T051818\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T052349\_20180907T053343\_C001 CS OFFL SIR IOPM 2 20180907T055400 20180907T063055 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T063428\_20180907T063916\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T064739\_20180907T065734\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T065933\_20180907T072047\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T073213\_20180907T073618\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T080546\_20180907T080730\_C001 CS OFFL SIR IOPM 2 20180907T081420 20180907T081944 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T082702\_20180907T084747\_C001 CS OFFL SIR IOPM 2 20180907T085033 20180907T090156 C001 CS OFFL SIR IOPM 2 20180907T091203 20180907T091535 C001 CS OFFL SIR IOPM 2 20180907T093150 20180907T094823 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T095346\_20180907T095842\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T100542\_20180907T104146\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T105211\_20180907T105307\_C001 CS OFFL SIR IOPM 2 20180907T110219 20180907T112621 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T113554\_20180907T113747\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T114549\_20180907T120206\_C001 CS OFFL SIR IOPM 2 20180907T121414 20180907T121521 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T121523\_20180907T122100\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T123433\_20180907T125052\_C001 CS OFFL SIR IOPM 2 20180907T125306 20180907T130731 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T131447\_20180907T131659\_C001 CS OFFL SIR IOPM 2 20180907T131743 20180907T132200 C001 CS OFFL SIR IOPM 2 20180907T132435 20180907T133836 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T134015\_20180907T140059\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T141037\_20180907T141206\_C001 CS OFFL SIR IOPM 2 20180907T141413 20180907T142803 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T143501\_20180907T144813\_C001 CS OFFL SIR IOPM 2 20180907T145239 20180907T150102 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T150429\_20180907T152603\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T155200\_20180907T155947\_C001 CS OFFL SIR IOPM 2 20180907T160209 20180907T160515 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T160525\_20180907T162756\_C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T163425\_20180907T163919\_C001 CS OFFL SIR IOPM 2 20180907T164428 20180907T170740 C001 CS\_OFFL\_SIR\_IOPM\_2\_20180907T174052\_20180907T175047\_C001 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 Ice Backscatter Averaging Status

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

Ice 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 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.

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

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 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 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.

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.

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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 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.

CS_OFFL_SIR_IOPM_2_20180907T175625_20180907T180620_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_20180907T181345_20180907T181943_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T182307_20180907T185010_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_20180907T185629_20180907T190058_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_20180907T191237_20180907T194505_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_20180907T195253_20180907T195814_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T200448_20180907T200610_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_20180907T203610_20180907T204001_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_20180907T205140_20180907T210056_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_20180907T210342_20180907T212503_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_20180907T213146_20180907T213256_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T213301_20180907T213708_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20180907T214238_20180907T215212_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_20180907T215359_20180907T215959_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_20180907T222843_20180907T230336_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_20180907T232252_20180907T235425_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_20180907T235646_20180907T235844_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20180907T132200_20180907T132335_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_IOPN_2_20180907T235426_20180907T235529_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20180907T014945_20180907T015038_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_IOPR_2_20180907T072411_20180907T072421_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

#### 5.8 L2 Ocean Retracking Quality Check

CryoSat L2 data includes an ocean retracking quality flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below. Number of products with errors: 57

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

#### 6.1 P2P Product Format Check

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

#### 6.2 P2P Product Header Analysis

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

Number of products with errors:

#### 6.3 P2P Auxiliary Data File Usage Check

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

#### 6.4 P2P Auxiliary Correction Error Check

For all products, the auxiliary corrections within the Geophysical Group are checked for the default error value (32767). 0

3

Number of products with errors:

#### 6.5 P2P Measurement Confidence Data Check

CryoSat P2P data includes a measurement confidence flag for each 20-Hz measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180907T014156_20180907T023133_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOP_220180907T041047_20180907T050023_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_IOP_220180907T072914_20180907T081850_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

#### 6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180906T231306_20180907T000242_C002	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T000242_20180907T005220_C002	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_220180907T005220_20180907T014156_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_220180907T014156_20180907T023133_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T023133_20180907T032109_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_220180907T032109_20180907T041047_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T041047_20180907T050023_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_220180907T050023_20180907T055000_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_220180907T055000_20180907T063937_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_220180907T063937_20180907T072914_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_220180907T072914_20180907T081850_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_220180907T081850_20180907T090828_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T090828_20180907T095804_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_220180907T095804_20180907T104741_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T104741_20180907T113717_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T113717_20180907T122655_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_220180907T122655_20180907T131631_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T131631_20180907T140608_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_220180907T140608_20180907T145544_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_220180907T145544_20180907T154522_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_220180907T154522_20180907T163458_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T163458_20180907T172436_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_220180907T172436_20180907T181412_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T181412_20180907T190349_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_220180907T190349_20180907T195325_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T195325_20180907T204303_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_220180907T204303_20180907T213239_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T213239_20180907T222216_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_220180907T222216_20180907T231152_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_220180907T231152_20180908T000130_C002	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. 30

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180906T231306_20180907T000242_C002	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T000242_20180907T005220_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_220180907T005220_20180907T014156_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_220180907T014156_20180907T023133_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_220180907T023133_20180907T032109_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_220180907T032109_20180907T041047_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_220180907T041047_20180907T050023_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_220180907T050023_20180907T055000_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_220180907T055000_20180907T063937_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_220180907T063937_20180907T072914_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_220180907T072914_20180907T081850_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_220180907T081850_20180907T090828_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_220180907T090828_20180907T095804_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_220180907T095804_20180907T104741_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_220180907T104741_20180907T113717_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_220180907T113717_20180907T122655_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_220180907T122655_20180907T131631_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_220180907T131631_20180907T140608_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_220180907T140608_20180907T145544_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_220180907T145544_20180907T154522_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_220180907T154522_20180907T163458_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_220180907T163458_20180907T172436_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_220180907T172436_20180907T181412_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_220180907T181412_20180907T190349_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_220180907T190349_20180907T195325_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T195325_20180907T204303_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_220180907T204303_20180907T213239_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T213239_20180907T222216_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_220180907T222216_20180907T231152_C001	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T231152_20180908T000130_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.

# 6.8 P2P Ocean Retracking Quality Check

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

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Ocean Retracking Quality Flag: This flag is currently set for products over land and sea ice, but this is to be expected. The number of products with this error flag set is given below.

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220180907T000242_20180907T005220_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T005220_20180907T014156_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T014156_20180907T023133_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T032109_20180907T041047_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T041047_20180907T050023_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T055000_20180907T063937_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T063937_20180907T072914_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T072914_20180907T081850_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T081850_20180907T090828_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T090828_20180907T095804_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T095804_20180907T104741_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T104741_20180907T113717_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T113717_20180907T122655_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20180907T122655_20180907T131631_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T131631_20180907T140608_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T140608_20180907T145544_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220180907T145544_20180907T154522_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T154522_20180907T163458_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T163458_20180907T172436_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T172436_20180907T181412_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T181412_20180907T190349_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T195325_20180907T204303_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T204303_20180907T213239_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T213239_20180907T2222216_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T222216_20180907T231152_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220180907T231152_20180908T000130_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.