



1. Overview

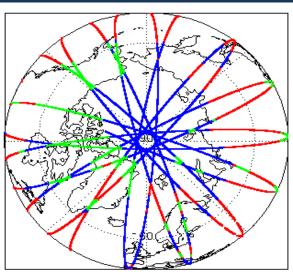
Report Production:	15-Jan-2018
Processor Used:	CryoSat Ocean Processor
Data Used:	Intermediate Ocean Products (IOP) L1B, L2 & P2P Science Data

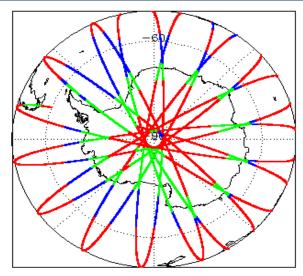
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6	Nominal
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

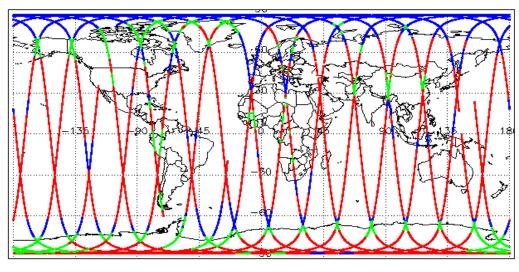
		ment News
22-Dec-	2017	None

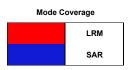
23-Dec-2017 None 24-Dec-2017 Nothing planned

2. Global Coverage









3. Instrument Configuration

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

SIRAL instrument(s) in use: SIRAL - A

4. IOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

0

4.2 L1B Product Header Analysis

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

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

(

4.5 L1B Measurement Confidence Data Check

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

Number of products with errors:

69

Product	Test Failed	Description
CS_OFFL_SIR_IOPR1B_20171223T002623_20171223T002709_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T005810_20171223T005817_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T005841_20171223T005843_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T005846_20171223T010013_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T010017_20171223T010027_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T010030_20171223T010032_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T010330_20171223T010333_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T010911_20171223T011041_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T011600_20171223T011630_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T013259_20171223T013512_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T014949_20171223T015037_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T015214_20171223T015305_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T020546_20171223T020602_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T022255_20171223T022323_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T024526_20171223T024717_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T025629_20171223T030007_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T033127_20171223T033256_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T042324_20171223T042908_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T043414_20171223T043716_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T051031_20171223T051229_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T063254_20171223T063832_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T064828_20171223T065151_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T074151_20171223T075129_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T082759_20171223T083140_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T090848_20171223T091230_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T091500_20171223T091731_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T092215_20171223T093026_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T103502_20171223T103611_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T104848_20171223T104957_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T105040_20171223T105510_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T105510_20171223T110011_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T110255_20171223T111048_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T114618_20171223T114706_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T115404_20171223T115410_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T115922_20171223T120422_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T120422_20171223T120505_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T123633_20171223T123644_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T125146_20171223T125308_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T130342_20171223T130823_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T132554_20171223T132610_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T133315_20171223T133321_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T133716_20171223T134306_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T135644_20171223T135716_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T135719_20171223T135857_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T141433_20171223T141540_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T142110_20171223T142220_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T150433_20171223T150524_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T155158_20171223T155442_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T155512_20171223T155519_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T162015_20171223T162121_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T165651_20171223T165809_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T173802_20171223T174432_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T174432_20171223T174742_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T184846_20171223T185424_C001	Attitude correction missing	The attitude has not been corrected

CS_OFFL_SIR_IOPR1B_20171223T191504_20171223T192241_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T195253_20171223T195715_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T201432_20171223T201753_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T205030_20171223T205043_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T205418_20171223T210103_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T210103_20171223T210358_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T210609_20171223T210638_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T210802_20171223T210951_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T211254_20171223T211611_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T214012_20171223T214330_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T221823_20171223T222107_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T223328_20171223T224002_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T230714_20171223T230729_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T231932_20171223T232339_C001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_IOPR1B_20171223T233425_20171223T233610_C001	Attitude correction missing	The attitude has not been corrected

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: 17

Product	Test Failed	Description
CS_OFFL_SIR_IOPM1B_20171223T004900_20171223T005736_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20171223T022344_20171223T022532_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPM1B_20171223T125514_20171223T130342_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T011041_20171223T011201_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T011446_20171223T011559_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T024504_20171223T024526_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T024955_20171223T025100_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T042908_20171223T043414_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T060217_20171223T060249_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T123645_20171223T123747_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T141854_20171223T142109_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T191054_20171223T191504_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPN1B_20171223T205213_20171223T205418_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20171223T025235_20171223T025423_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20171223T042208_20171223T042324_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20171223T133716_20171223T134306_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOPR1B_20171223T224429_20171223T225154_C001	Loss of Echo	The tracking echo is missing for one or more records

5. IOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors: 0

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.

Dec Person Pers	Product	Test Failed	Description
Comm. Sim. Oran. 2, 2017 222100000, 2017 2221000002 COMMINISTRATION COMMINISTR	CS_OFFL_SIR_IOPM_2_20171222T234532_20171223T000828_C001	Ocean Range Averaging Status	
Deep Region Deep Person	CS_OFFL_SIR_IOPM_2_20171223T001804_20171223T001956_C001	Ice Range Averaging Status	
Count Coun	CS_OFFL_SIR_IOPM_2_20171223T002709_20171223T004225_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Cap Cells Self Cells 2 - 2 11 12 22 13 12 23 13 23 13 24 24 24 24 24 24 24 2	CS_OFFL_SIR_IOPM_2_20171223T004900_20171223T005736_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFT_SR_OPM_2_20171227101800_20171227101800_2011 Losen Range Averaging Status The Closen Range Averaging Status Easy has been set for one or more records. CS_OFT_SR_OPM_2_20171227101809_2017122710281000_2011 Losen Range Averaging Status The Closen Range Averaging Status In The Closen Range Averaging	CS OFFL SIR IOPM 2 20171223T011201 20171223T011445 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CB_OFF_BIL_DNM_3_017122701580_017122701590_0101 CB_OFF_BIL_DNM_3_017122701580_017122701590_0101 CB_OFF_BIL_DNM_3_017122701580_017122701590_0101 CB_OFF_BIL_DNM_3_017122701580_017122701590_0101 CB_OFF_BIL_DNM_3_017122701580_017122701590_0101 CB_OFF_BIL_DNM_3_017122701580_017122701590_0101 CB_OFF_BIL_DNM_3_0171227002583_017122702582_0010 CB_OFF_BIL_DNM_3_0171227002583_0171227002583_0011 CB_OFF_BIL_DNM_3_0171227002583_017122702583_0010 CB_OFF_BIL_DNM_3_0171227002583_017122702583_0010 CB_OFF_BIL_DNM_3_0171227002583_017122702583_0010 CB_OFF_BIL_DNM_3_0171227002583_0171227002583_0010 CB_OFF_BIL_DNM_3_0171227002583_0171227002583_0010 CB_OFF_BIL_DNM_3_0171227003702583_0171227003583_0010 CB_OFF_BIL_DNM_3_0171227003702583_0171227003583_0010 CB_OFF_BIL_DNM_3_0171227003702583_0171227003583_0010 CB_OFF_BIL_DNM_3_017122700370383_0171227003583_0010 CB_OFF_BIL_DNM_3_017122700370383_0171227003583_0010 CB_OFF_BIL_DNM_3_017122700370383_0171227003583_0010 CB_OFF_BIL_DNM_3_017122700383_0171227003583_0010 CB_OFF_BIL_DNM_3_017122700383_00171227003583_0010 CB_OFF_BIL_DNM_3_017122700383_0017122700383_0010 CB_OFF_BIL_DNM_3_0171227003			The Ocean Range Averaging Status Flag has been set for one or more
CR_CRFI_SR_COM_2_201712231105667_20171223105687_201			The Ocean Range Averaging Status Flag has been set for one or more
CB_OFFL_SIR_OPM_2_2017/2221700302_2017/221700312012012012010001 CB_OFFL_SIR_OPM_2_2017/22217002032_2017/22170021201201001 CB_OFFL_SIR_OPM_2_2017/22217002032_2017/2217002012_001001 CB_OFFL_SIR_OPM_2_2017/22217002032_2017/2217002012_0010 CB_OFFL_SIR_OPM_2_2017/2221700007_2017/221700007_2017/221700007_001000000000000000000000000000			
CS_OFFL_SIR_OPM_2_20171223T002352_20171223T002352_0010 CS_OFFL_SIR_OPM_2_20171223T002352_20171223T002352_0010 CS_OFFL_SIR_OPM_2_20171223T002352_20171223T002352_0010 CS_OFFL_SIR_OPM_2_20171223T002352_20171223T00312_0010 CS_OFFL_SIR_OPM_2_20171223T002352_20171223T00312_0010 CS_OFFL_SIR_OPM_2_20171223T002352_20171223T00312_0010 CS_OFFL_SIR_OPM_2_20171223T00312_20171223T00312_0010 CS_OFFL_SIR_OPM_2_20171223T00312_0010 CS_OFFL_SIR_OPM_2_20171223T003012_0010 CS_OFFL_SIR_OPM_2_20171223T003012_0010 CS_OFFL_SIR_OPM_2_20171223T003012_0010 CS_OFFL_SIR_OPM_2_20171223T003012_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003012_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003012_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003012_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003012_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003013_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003003_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003003_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003003_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003003_0010 CS_OFFL_SIR_OPM_2_20171223T003002_00171223T003003_0010 CS_OFFL_SIR_OPM_2_20171223T003003_00171223T003003_0010 CS_OFFL_SIR_OPM_2_20171223T003003_00171223T003003_0010 CS_OFFL_SIR_OPM_2_20171223T003003_00171223T003003_00100 CS_OFFL_SIR_OPM_2_20171223T003003_00171223T003003_00100 CS_OFFL_SIR_OPM_2_20171223T003003_00171223T003003_00100 CS_OFFL_SIR_OPM_2_20171223T003003_00171223T003003_00100 CS_OFFL_SIR_OPM_2_20171223T003003_00171223T003003_00100 CS_OFFL_SIR_OPM_2_20171223			
CS_OFFL_SIR_OPM_2_20171223T02334_20171223T02334_C001 Ocean Range Averaging Satus The Ocean Range Averaging Satus Flag has been set for one or more records. CS_OFFL_SIR_OPM_2_20171223T02334_20171223T02334_C001 Ocean Range Averaging Satus The Ocean Range Averaging Satus Flag has been set for one or more records. CS_OFFL_SIR_OPM_2_20171223T02334_20171223T02332_C001 Ocean Range Averaging Satus The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set for one or more records. The Ocean Range Averaging Satus Flag has been set			
CS_OFFL_SR_OPML_2_01712231002532_2010 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231003172_0103172_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231003172_0103172_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231003402_01712231003172_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231004021_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231004021_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231004021_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_0171223100402.0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_0171223100402.00110231005105_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_0171223100402.001112231005105_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231005105_001712231005105_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231005105_00171223100505_0001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231005050_001712231005050_001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more control. CS_OFFL_SR_OPML_2_01712231005050_0017122310			
CS_OFFL_SIR_OPML_2_0171223703402_20171223703412_C001 Osean Range Averaging Status The Ocean Range Averaging Status records. CS_OFFL_SIR_OPML_2_0171223703402_20171223703412_C001 Osean Range Averaging Status The Ocean Range Averaging Status records. CS_OFFL_SIR_OPML_2_0171223703402_0171223703412_C001 Osean Range Averaging Status The Ocean Range Averaging Status records. CS_OFFL_SIR_OPML_2_01712237061602_01712237061630_001 Ocean Range Averaging Status The Ocean Range Averaging Status records. CS_OFFL_SIR_OPML_2_01712237061602_0171223706403_001 Ocean Range Averaging Status The Ocean Range Averaging Status records. The Ocean Range Averaging Status reco			
Sec. OFFL_SIR_LOPM_2_201712231003007_20171223103412_0010 Cee. OFFL_SIR_LOPM_2_20171223103142_201311223103412_0010 Cee. OFFL_SIR_LOPM_2_201712231034042_20171223104021_0010 Cee. OFFL_SIR_LOPM_2_201712231034042_20171223104021_0010 Cee. OFFL_SIR_LOPM_2_20171223104041_20171223104021_0010 Cee. OFFL_SIR_LOPM_2_20171223104041_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223104044_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223104044_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223104044_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223104044_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223104044_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223104040_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223104040_20171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_00171223104001_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_00171223106400_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_00171223106400_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_0017123106400_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_00171223106400_0010 Cee. OFFL_SIR_LOPM_2_20171223106400_			records.
CS_OFFL_SR_OPM_2_20171223T039172_CO01 Ocean Range Averaging Status Fig has been set for one or more fecords. CS_OFFL_SR_OPM_2_20171223T039452_0171223T04053, CO01 Ocean Range Averaging Status Fig has been set for one or more fecords. CS_OFFL_SR_OPM_2_20171223T04051_20171223T04053, CO01 Ocean Range Averaging Status Fig has been set for one or more fecords. CS_OFFL_SR_OPM_2_20171223T040468_20171223T051046_CO01 Ocean Range Averaging Status Fig has been set for one or more fecords. CS_OFFL_SR_OPM_2_20171223T0510468_20171223T051046_CO01 Ocean Range Averaging Status Fig has been set for one or more fecords. CS_OFFL_SR_OPM_2_20171223T051048_20171223T051046_CO01 Ocean Range Averaging Status Fig has been set for one or more fecords. CS_OFFL_SR_OPM_2_20171223T05105200_20171223T0510549_CO01 Ocean Range Averaging Status Decand Range Averaging Status Deca		Ocean Range Averaging Status	records.
CS_OFFL_SIR_JOPM_2_20171223T034352_20171223T04053_CD01 CS_OFFL_SIR_JOPM_2_20171223T04453_20171223T04053_CD01 CS_OFFL_SIR_JOPM_2_20171223T04441_20171223T04053_CD01 CS_OFFL_SIR_JOPM_2_20171223T04448_20171223T04053_CD01 CS_OFFL_SIR_JOPM_2_20171223T04448_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T04448_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T05148_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051548_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051548_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051548_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051548_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051548_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051548_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051548_20171223T051546_CD01 CS_OFFL_SIR_JOPM_2_20171223T051545_CD0171223T05455_CD01 CS_OFFL_SIR_JOPM_2_20171223T051545_CD0171223T05455_CD0171223T05455_CD0171223T05455_CD0171223T05455_CD0171223T0545_CD0171223T05455_CD0171223T0545_CD0171223T055_CD0171223T0545_CD0171223T0545_CD0171223T0545_CD0171223T0545_CD0171223T0545_CD0171223T0545_CD0171223T0545_CD0171223T0545_CD01712		Ocean Range Averaging Status	records.
CS_OFFL_SR_JOPM_2_201712231704450_201712231704655_ CS_OFFL_SR_JOPM_2_201712231704440_20171223170455_ CS_OFFL_SR_JOPM_2_201712231704440_20171223170455_ CS_OFFL_SR_JOPM_2_201712231704400_20171223170455_ CS_OFFL_SR_JOPM_2_201712231704400_20171223170455_ CS_OFFL_SR_JOPM_2_201712231704400_20171223170455_ CS_OFFL_SR_JOPM_2_201712231704400_20171223170455_ CS_OFFL_SR_JOPM_2_20171223170456_ CS_OFFL_SR_JOPM_2_20171223170		Ocean Range Averaging Status	records.
CS_OFFL_SIR_JOPM_2_20171223T06440_20171223T05405_C001 Ocean Range Averaging Status Fine Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_JOPM_2_20171223T0543E_20171223T05455_C001 Ocean Range Averaging Status Fine Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_JOPM_2_20171223T05503_20171223T05455_C001 Ocean Range Averaging Status Fine Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_JOPM_2_20171223T05503_20171223T05455_C001 Ocean Range Averaging Status Fine Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_JOPM_2_20171223T05550_20171223T05455_C001 Ocean Range Averaging Status Fine Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_JOPM_2_20171223T05550_20171223T05455_C001 Ocean Range Averaging Status Fine Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more record	CS_OFFL_SIR_IOPM_2_20171223T033452_20171223T034312_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20171223T064480_20171223T061513_C0001 CS_OFFL_SIR_IOPM_2_20171223T061532_20171223T061532_C0011 CS_OFFL_SIR_IOPM_2_20171223T061532_20171223T061532_C0011 CS_OFFL_SIR_IOPM_2_20171223T062500_20171223T064553_C0011 CS_OFFL_SIR_IOPM_2_20171223T062500_20171223T064553_C0011 CS_OFFL_SIR_IOPM_2_20171223T063532_20171223T064553_C0011 CS_OFFL_SIR_IOPM_2_20171223T063532_20171223T064552_C0011 CS_OFFL_SIR_IOPM_2_20171223T0635552_C00171223T064627_C0011 CS_OFFL_SIR_IOPM_2_20171223T06452_C0011 CS_OFFL_SIR_IOPM_2_20171223T0645555_C00171223T076452_C0011 CS_OFFL_SIR_IOPM_2_20171223T076452_C0011 CS_OFFL_SIR_IOPM_2_20171223T0764542_C0011 CS_OFFL_SIR_IOPM_2_20171223T0764542_C0011 CS_OFFL_SIR_IOPM_2_20171223T107645_C0011 CS_OFFL_SIR_IOPM_2_20171223T107645_C0011 CS_OFFL_SIR_IOPM_2_20171223T107645_C0011 CS_OFFL_SIR_IOPM_2_20171223T107645_C0011 CS_OFFL_SIR_IOPM_2_20171223T116452_C0011 CS_OFFL_SIR_IOPM_2_20171223T116452_C0011 CS_OFFL_SIR_IOPM_2_20171223T116452_C0011 CS_OFFL_SIR_IOPM_2_20171223T116452_C0011 CS_OFFL	CS_OFFL_SIR_IOPM_2_20171223T034551_20171223T040211_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20171223T06438_20171223105436_2001 CS_OFFL_SIR_IOPM_2_20171223T06438_20171223105436_2001 CS_OFFL_SIR_IOPM_2_20171223T06438_201712231063253_C001 CS_OFFL_SIR_IOPM_2_20171223T063532_201712231063253_C001 CS_OFFL_SIR_IOPM_2_20171223T063532_201712231063253_C001 CS_OFFL_SIR_IOPM_2_20171223T063532_201712231063253_C001 CS_OFFL_SIR_IOPM_2_20171223T063532_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T063532_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T063532_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T063532_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064267_C001 CS_OFFL_SIR_IOPM_2_20171223T064548_20171223106420001 CS_OFFL_SIR_IOPM_2_20171223T064548_20171223106420001 CS_OFFL_SIR_IOPM_2_20171223T064548_201712231064500000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20171223T040441_20171223T040653_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20171223T051538_20171223T05455_20001 CS_OFFL_SIR_IOPM_2_20171223T062500_20171223T064525_20001 CS_OFFL_SIR_IOPM_2_20171223T062500_20171223T064525_20001 CS_OFFL_SIR_IOPM_2_20171223T062500_20171223T064525_20001 CS_OFFL_SIR_IOPM_2_20171223T062500_20171223T064525_20001 CS_OFFL_SIR_IOPM_2_20171223T065555_20171223T064527_C001 CS_OFFL_SIR_IOPM_2_20171223T065555_20171223T070456_C001 CS_OFFL_SIR_IOPM_2_20171223T065555_20171223T070456_C001 CS_OFFL_SIR_IOPM_2_20171223T070415_20171223T072521_C001 CS_OFFL_SIR_IOPM_2_20171223T070415_20171223T072521_C001 CS_OFFL_SIR_IOPM_2_20171223T075455_20171223T072521_C001 CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T084207_C001 CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T08421_C001 CS_OFFL_SIR_IOPM_2_20171223T094582_20171223T08421_C001 CS_OFFL_SIR_IOPM_2_20171223T094542_20171223T094050_C001 CS_OFFL_SIR_IOPM_2_20171223T094542_20171223T094500_C001 CS_OFFL_SIR_IOPM_2_20171223T094540_C0171223T094500_C001 CS_OFFL_SIR_IOPM_2_20171223T094540_C0171223T094500_C001 CS_OFFL_SIR_IOPM_2_20171223T104500_C0171223T10990_C001 CS_OFFL_SIR_IOPM_2_20171223T104500_C0171223T10990_C001 CS_OFFL_SIR_IOPM_2_20171223T104500_C0171223T10990_C001 CS_OFFL_SIR_IOPM_2_20171223T104500_C0171223T10990_C001 CS_OFFL_SIR_IOPM_2_20171223T104500_C0171223T10990_C001 CS_OFFL_SIR_IOPM_2_20171223T104500_C0171223T10990_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C0171223T1104050_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C0171223T1104050_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C0171223T1104050_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C0171223T1104050_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1104500_C001 CS_OFFL_SIR_IOPM_2_20171223T1140500_C001 CS_OFFL_SIR_IOPM_2_2017122	CS_OFFL_SIR_IOPM_2_20171223T044408_20171223T051031_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_2017122310545250_201712237054553_C001 CS_OFFL_SIR_IOPM_2_20171223705455_20171223705455_C001 CS_OFFL_SIR_IOPM_2_20171223705455_20171223705455_C001 CS_OFFL_SIR_IOPM_2_20171223705455_201712237056250_C001 CS_OFFL_SIR_IOPM_2_20171223705555_20171223707552_C001 CS_OFFL_SIR_IOPM_2_20171223705455_20171223707552_C001 CS_OFFL_SIR_IOPM_2_201712237075455_20171223707552_C001 CS_OFFL_SIR_IOPM_2_201712237075455_20171223707552_C001 CS_OFFL_SIR_IOPM_2_201712237075455_20171223707552_C001 CS_OFFL_SIR_IOPM_2_20171223705455_20171223707552_C001 CS_OFFL_SIR_IOPM_2_20171223705455_20171223707552_C001 CS_OFFL_SIR_IOPM_2_2017123705455_20171223708452_C001 CS_OFFL_SIR_IOPM_2_2017123705455_20171223708452_C001 CS_OFFL_SIR_IOPM_2_2017123705455_20171223708452_C001 CS_OFFL_SIR_IOPM_2_2017123705455_20171223708452_C001 CS_OFFL_SIR_IOPM_2_2017123705455_20171223708450_C001 CS_OFFL_SIR_IOPM_2_2017123705455_20171223708450_C001 CS_OFFL_SIR_IOPM_2_2017123705456_20171223708450_C001 CS_OFFL_SIR_IOPM_2_2017123705456_20171223708450_C001 CS_OFFL_SIR_IOPM_2_2017123705456_20171223708450_C001 CS_OFFL_SIR_IOPM_2_20171223705456_20171223709450_C001 CS_OFFL_SIR_IOPM_2_20171223705456_20171223710450_C001 CS_OFFL_SIR_IOPM_2_20171223705456_201712237105405_C001 CS_OFFL_SIR_IOPM_2_20171223705456_201712237105405_C001 CS_OFFL_SIR_IOPM_2_201712237105456_201712237105405_C001 CS_OFFL_SIR_IOPM_2_201712237105456_201712237105050_C001 CS_OFFL_SIR_IOPM_2_201712237105456_201712237105050_C001 CS_OFFL_SIR_IOPM_2_201712237105456_201712237105505_201712237105505_C001 CS_OFFL_SIR_IOPM_2_201712237105505_201712237115505_C001 CS_OFFL_SIR_IOPM_2_201712237105505_201712237115505_C001 CS_OFFL_SIR_IOPM_2_20171223711251_201712237115505_C001 CS_OFFL_SIR_IOPM_2_20171223711251_201712237115505_C001 CS_OFFL_SIR_IOPM_2_20171223711251_201712237115505_C001 CS_OFFL_SIR_IOPM_2_20171223711251_201712237115505_C001 CS_OFFL_SIR_IOPM_2_20171223711251_20505_201712237115505_C001 CS_OFFL_SIR_IOPM_2_201712237112505_201712237115505_C001 CS_OFFL_SIR_IOPM_2_201712	CS_OFFL_SIR_IOPM_2_20171223T051348_20171223T051548_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20171223T062486_20171223T084827_C001 CS_OFFL_SIR_IOPM_2_20171223T063485_20171223T084827_C001 CS_OFFL_SIR_IOPM_2_20171223T074555_0171223T084587_C001 CS_OFFL_SIR_IOPM_2_20171223T07455_0171223T084587_C001 CS_OFFL_SIR_IOPM_2_20171223T07455_0171223T084587_C001 CS_OFFL_SIR_IOPM_2_20171223T084587_C001 CS_OFFL_SIR_IOPM_2_20171223T08458_20171223T084587_C001 CS_OFFL_SIR_IOPM_2_20171223T08458_20171223T08458_C001 CS_OFFL_SIR_IOPM_2_20171223T08458_20171223T108502_C001 CS_OFFL_SIR_IOPM_2_20171223T08458_20171223T108502_C001 CS_OFFL_SIR_IOPM_2_20171223T08458_20171223T108502_C001 CS_OFFL_SIR_IOPM_2_20171223T08458_20171223T108502_C001 CS_OFFL_SIR_IOPM_2_20171223T08458_20171223T108502_C001 CS_OFFL_SIR_IOPM_2_20171223T0859_C001 CS_OFFL_SIR_IOPM_2_20171223T10850_20171223T108502_C001 CS_OFFL_SIR_IOPM_2_20171223T108502_0011 CS_OFFL_SIR_IOPM_2_20171223T108502_0011 CS_OFFL_SIR_IOPM_2_20171223T108502_0011 CS_OFFL_SIR_IOPM_2_20171223T108502_0011 CS_OFFL_SIR_IOPM_2_20171223T114503_C001 CS_OFF	CS_OFFL_SIR_IOPM_2_20171223T051632_20171223T052136_C001	Ice Range Averaging Status	
CS_OFF_SIR_IOPM_2_20171223T068382_20171223T064827_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFF_SIR_IOPM_2_20171223T070156_C001 CS_OFF_SIR_IOPM_2_20171223T070455_20171223T070551_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFF_SIR_IOPM_2_20171223T070455_20171223T07652_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFF_SIR_IOPM_2_20171223T076455_20171223T084027_C001 CS_OFF_SIR_IOPM_2_20171223T084027_C001 CS_OFF_SIR_IOPM_2_20171223T084027_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFF_SIR_IOPM_2_20171223T084027_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFF_SIR_IOPM_2_20171223T084027_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFF_SIR_IOPM_2_20171223T094032_20171223T084031_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFF_SIR_IOPM_2_20171223T094042_20171223T004403_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag h	CS_OFFL_SIR_IOPM_2_20171223T052500_20171223T054953_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOFM_2_20171223T065555_20171223T0756_C001 CS_OFFL_SIR_IOFM_2_20171223T070415_20171223T07056_C001 CS_OFFL_SIR_IOFM_2_20171223T070415_20171223T07252_C001 CS_OFFL_SIR_IOFM_2_20171223T076455_20171223T082759_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T08402_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T08402_20171223T08402_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T08402_20171223T08402_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T08402_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T08402_20171223T08402_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T08403_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T08403_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T094303_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T094303_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T109450_C001 CS_OFFL_SIR_IOFM_2_20171223T08402_20171223T109450_C001 CS_OFFL_SIR_IOFM_2_20171223T104510_20171223T10450_C001 CS_OFFL_SIR_IOFM_2_20171223T104510_20171223T10450_C001 CS_OFFL_SIR_IOFM_2_20171223T104510_20171223T10450_C001 CS_OFFL_SIR_IOFM_2_20171223T104512_20171223T114618_C001 CS_OFFL_SIR_IOFM_2_20171223T11423T114223T114409_20171223T114400_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114400_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T11450_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T115750_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114409_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114500_C001 CS_OFFL_SIR_IOFM_2_20171223T114500_C001 CS_OFFL_SIR_IOFM_	CS_OFFL_SIR_IOPM_2_20171223T062148_20171223T063253_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20171223T070415_20171223T02521_C001 CS_OFFL_SIR_IOPM_2_20171223T075455_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T08455_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T08455_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T084821_C001 CS_OFFL_SIR_IOPM_2_20171223T084822_D001 CS_OFFL_SIR_IOPM_2_20171223T084822_D001 CS_OFFL_SIR_IOPM_2_20171223T084822_D001 CS_OFFL_SIR_IOPM_2_20171223T084822_D001 CS_OFFL_SIR_IOPM_2_20171223T084822_D001 CS_OFFL_SIR_IOPM_2_20171223T08482_D00171223T084803_C001 CS_OFFL_SIR_IOPM_2_20171223T084842_D00171223T084903_C001 CS_OFFL_SIR_IOPM_2_20171223T084842_D00171223T084903_C001 CS_OFFL_SIR_IOPM_2_20171223T084842_D00171223T084903_C001 CS_OFFL_SIR_IOPM_2_20171223T084842_D00171223T084903_C001 CS_OFFL_SIR_IOPM_2_20171223T084842_D00171223T084903_C001 CS_OFFL_SIR_IOPM_2_20171223T084908_D00171223T0890803_C001 CS_OFFL_SIR_IOPM_2_20171223T10810_20171223T10800000000000000000000000000000000000	CS_OFFL_SIR_IOPM_2_20171223T063832_20171223T064827_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T084402_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084027_C001 CS_OFFL_SIR_IOPM_2_20171223T084020_20171223T0840303_C001 CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T0840303_C001 CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T094548_20171223T0944001 CS_OFFL_SIR_IOPM_2_20171223T101010_20171223T10919_C001 CS_OFFL_SIR_IOPM_2_20171223T101010_20171223T10919_C001 CS_OFFL_SIR_IOPM_2_20171223T104050_20171223T109502_C001 CS_OFFL_SIR_IOPM_2_20171223T104050_20171223T104054_C001 CS_OFFL_SIR_IOPM_2_20171223T104050_20171223T104054_C001 CS_OFFL_SIR_IOPM_2_20171223T11251_20171223T114618_C001 CS_OFFL_SIR_IOPM_2_20171223T1140405_20171223T114618_C001 CS_OFFL_SIR_IOPM_2_20171223T1140405_20171223T114618_C001 CS_OFFL_SIR_IOPM_2_20171223T1140405_20171223T114618_C001 CS_OFFL_SIR_IOPM_2_20171223T1140405_20171223T1140852_C001 CS_OFFL_SIR_IOPM_2_20171223T1140405_20171223T1140852_C001 CS_OFFL_SIR_IOPM_2_20171223T1140405_20171223T1140832_C001 CS_OFFL_SIR_IOPM_2_20171223T1140405_20171223T1140832_C001 CS_OFFL_SIR_IOPM_2_20171223T1123T123T128332_C001 CS_OFFL_SIR_IOPM_2_20171223T1123T123T128332_C001 CS_OFFL_SIR_IOPM_2_20171223T1123T123838_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D011 CS_OFFL_SIR_IOPM_2_20171223T123838_D011 CS_OFFL_SIR_IOPM_2_20171223T123838_D01171223T128338_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D01171223T123838_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D0171223T123838_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D0171223T1238342_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D0171223T1238332_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D0171223T1238342_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D0171223T1238342_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D0171223T1238342_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_D0171223T12383342_C001 CS	CS_OFFL_SIR_IOPM_2_20171223T065555_20171223T070156_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20171223T083503_20171223T084027_C001 Cc Range Averaging Status The locean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T1123T123	CS_OFFL_SIR_IOPM_2_20171223T070415_20171223T072521_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20171223T08402_20171223T084821_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Fl	CS_OFFL_SIR_IOPM_2_20171223T075455_20171223T082759_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T094303_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T094548_20171223T094303_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T094548_20171223T1094503_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Ran	CS_OFFL_SIR_IOPM_2_20171223T083503_20171223T084027_C001	Ice Range Averaging Status	
CS_OFFL_SIR_IOPM_2_20171223T093420_20171223T094303_C001 CS_OFFL_SIR_IOPM_2_20171223T093420_20171223T094303_C001 CS_OFFL_SIR_IOPM_2_20171223T094548_20171223T100744_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T111251_20171223T114618_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T114909_20171223T115403_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more recor	CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T084821_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T093420_20171223T100744_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T103612_20171223T103502_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T11231114618_C001 Ice Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T11237115403_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T1123612_20171223T1123632_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging St	CS_OFFL_SIR_IOPM_2_20171223T091838_20171223T092215_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T10510_20171223T101919_C001 CS_OFFL_SIR_IOPM_2_20171223T10510_20171223T101919_C001 CS_OFFL_SIR_IOPM_2_20171223T10510_20171223T103502_C001 CS_OFFL_SIR_IOPM_2_20171223T103612_20171223T103502_C001 CS_OFFL_SIR_IOPM_2_20171223T103612_20171223T104054_C001 CS_OFFL_SIR_IOPM_2_20171223T103612_20171223T104054_C001 CS_OFFL_SIR_IOPM_2_20171223T111251_20171223T114618_C001 CS_OFFL_SIR_IOPM_2_20171223T111251_20171223T114618_C001 CS_OFFL_SIR_IOPM_2_20171223T114909_20171223T114618_C001 CS_OFFL_SIR_IOPM_2_20171223T114409_20171223T115752_C001 CS_OFFL_SIR_IOPM_2_20171223T115424_20171223T115752_C001 CS_OFFL_SIR_IOPM_2_20171223T120505_20171223T123632_C001 CS_OFFL_SIR_IOPM_2_20171223T123747_20171223T123838_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_20171223T123632_C001 CS_OFFL_SIR_IOPM_2_20171223T123838_20171223T123538_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T123538_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T123538_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T125308_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CCS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CCS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CCS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CCS_OFFL_SIR_IOPM_2_20171223T125514_20171223T125318_C001 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CS_OFFL_SIR_IOPM_2_20171223T093420_20171223T094303_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T102405_20171223T103602_C001 Ocean Range Averaging Status The loe Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T111251_20171223T114618_C001 Ocean Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T115424_20171223T115752_C001 Ice Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123747_20171223T123632_C001 Ice Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123888_20171223T124052_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range	CS_OFFL_SIR_IOPM_2_20171223T094548_20171223T100744_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T102405_20171223T103502_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T111251_20171223T114618_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T114409_20171223T115752_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123T123T123T123T123T123T123T123T123	CS_OFFL_SIR_IOPM_2_20171223T101510_20171223T101919_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T103612_20171223T104054_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS OFFL SIR IOPM 2 20171223T102405 20171223T103502 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T111251_20171223T114618_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T1123612_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123747_20171223T123838_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123747_20171223T123838_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS OFFL SIR IOPM 2 20171223T103612 20171223T104054 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T114909_20171223T115403_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T120505_20171223T123632_C001 Ocean Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.		Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T115424_20171223T115752_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123747_20171223T123838_C001 Ice Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123747_20171223T123838_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T1233838_20171223T124052_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.			The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T120505_20171223T123632_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T123838_20171223T124052_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T125308_20171223T125318_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.			The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T123747_20171223T123838_C001 Ice Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T125308_20171223T125318_C001 Ocean Range Averaging Status The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.			
CS_OFFL_SIR_IOPM_2_20171223T123838_20171223T124052_C001 Ice Range Averaging Status CS_OFFL_SIR_IOPM_2_20171223T125308_20171223T125318_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOPM_2_20171223T125314_20171223T130342_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.			The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T125308_20171223T125318_C001 Ocean Range Averaging Status Ocean Range Averaging Status CS_OFFL_SIR_IOPM_2_20171223T125514_20171223T130342_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.			
CS_OFFL_SIR_IOPM_2_20171223T125514_20171223T130342_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records.			
CS_OFFL_SIR_OFWL2_201712231123514_201712231130342_C001 Ocean Range Averaging Status records.			records.
The Ocean Range Averaging Status Flag has been set for one or more			
CS_OFFL_SIK_IOPMI_2_201712231130023_201712231132993_C001 Ocean Range Averaging Status records. The Ice Range Averaging Status Flag has been set for one or more			records.
CS_OFFL_SIK_IOPMI_Z_201712231132746_201712231133302_C001 Ice Rainge Averaging Status records.			records.
CS_OFFL_SIK_IOPMI_Z_201712231133321_201712231133333_C001 ICC Railige Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more			records.
CS_OFFL_SIR_IOFWI_Z_201712231134300_201712231133043_C001 Ocean Rainge Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more		Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_201/1223113585/_201/12231141229_C001	CS_OFFL_SIR_IOPM_2_20171223T135857_20171223T141229_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20171223T143823_20171223T144843_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOPM_2_20171223T143823_20171223T144843_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_2017/12231145023_2017/12231150433_C001	CS_OFFL_SIR_IOPM_2_20171223T145023_20171223T150433_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_IOPM_2_20171223T150711_20171223T151212_C001	CS_OFFL_SIR_IOPM_2_20171223T150711_20171223T151212_C001	Ice Range Averaging Status	

CS_OFFL_SIR_IOPM_2_20171223T152047_20171223T152210_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T152522_20171223T153400_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T153747_20171223T154235_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T162121_20171223T164348_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T164744_20171223T165129_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T165136_20171223T165144_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T165809_20171223T172552_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T175808_20171223T182302_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T182526_20171223T183043_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T183049_20171223T183416_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T183818_20171223T184846_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T185424_20171223T191054_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T193130_20171223T195252_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T195716_20171223T200155_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T200526_20171223T201117_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T201754_20171223T205030_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T212606_20171223T214011_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T215638_20171223T221823_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T222108_20171223T223042_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T224150_20171223T224300_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T230103_20171223T230714_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T230729_20171223T231932_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T232644_20171223T232910_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T233610_20171224T000917_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPN_2_20171223T152210_20171223T152522_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20171223T014949_20171223T015037_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20171223T051031_20171223T051229_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20171223T111212_20171223T111251_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20171223T115922_20171223T120422_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20171223T141229_20171223T141422_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPR_2_20171223T150433_20171223T150524_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_20171222T234532_20171223T000828_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_20171223T001804_20171223T001956_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T002709_20171223T004225_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_20171223T004228_20171223T004419_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_20171223T004900_20171223T005736_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_20171223T011201_20171223T011445_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T011630_20171223T013258_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_20171223T013512_20171223T014948_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_20171223T015659_20171223T015908_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T015957_20171223T020411_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T020602_20171223T022123_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_20171223T022323_20171223T022341_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_20171223T022344_20171223T022532_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_20171223T022535_20171223T023244_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_20171223T030007_20171223T031212_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_20171223T031723_20171223T033127_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T033452_20171223T034312_C001	Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T034551_20171223T040211_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T040441_20171223T040653_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T044408_20171223T051031_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T051348_20171223T051548_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	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
CS_OFFL_SIR_IOPM_2_20171223T051632_20171223T052136_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T052500_20171223T054953_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T062148_20171223T063253_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T063832_20171223T064827_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T065312_20171223T065355_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T065555_20171223T070156_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T070415_20171223T072521_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_IOPM_2_20171223T073947_20171223T074151_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_20171223T075455_20171223T082759_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_20171223T083503_20171223T084027_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T084402_20171223T084821_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_20171223T091838_20171223T092215_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_20171223T093420_20171223T094303_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_20171223T094548_20171223T100744_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_20171223T101359_20171223T101506_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T101510_20171223T101919_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T102405_20171223T103502_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_20171223T103612_20171223T104054_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_20171223T111251_20171223T114618_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_20171223T114909_20171223T115403_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T115424_20171223T115752_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T120505_20171223T123632_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_20171223T123747_20171223T123838_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T123838_20171223T124052_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T125308_20171223T125318_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_20171223T125514_20171223T130342_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T130823_20171223T132553_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T132748_20171223T133302_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T133321_20171223T133333_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T134306_20171223T135643_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T135857_20171223T141229_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T145023_20171223T150433_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T150711_20171223T151212_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T152047_20171223T152210_C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T152522_20171223T153400_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T153747_20171223T154235_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T162121_20171223T164348_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T164744_20171223T165129_C001	Ice Backscatter Averaging Status	records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T165136_20171223T165144_C001	Ice Backscatter Averaging Status SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T165809_20171223T172552_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_IOPM_2_20171223T175808_20171223T182302_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_IOPM_2_20171223T182526_20171223T183043_C001	Ice Backscatter Averaging Status	records.

CS_OFFL_SIR_IOPM_2_20171223T183049_20171223T183416_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T183818_20171223T184846_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_20171223T185424_20171223T191054_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_20171223T193130_20171223T195252_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_20171223T195716_20171223T200155_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_20171223T200526_20171223T201117_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T201754_20171223T205030_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_20171223T212606_20171223T214011_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_20171223T214456_20171223T215009_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T215638_20171223T221823_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_20171223T222108_20171223T223042_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_20171223T230103_20171223T230714_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_20171223T230729_20171223T231932_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_20171223T232644_20171223T232910_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOPM_2_20171223T233610_20171224T000917_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_20171223T152210_20171223T152522_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_20171223T014949_20171223T015037_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_20171223T051031_20171223T051229_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_20171223T111212_20171223T111251_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_20171223T115922_20171223T120422_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_20171223T141229_20171223T141422_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_20171223T150433_20171223T150524_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:

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

6.1 P2P Product Format Check

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

Number of products with errors:

6.2 P2P Product Header Analysis

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

Number of products with errors: 0

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

Number of products with errors:

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:

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_220171222T232950_20171223T001928_C002		The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_IOP_220171223T010903_20171223T015842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T015842_20171223T024817_C001		The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

CS_OFFL_SIR_IOP_2_20171223T024817_20171223T033755_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T033755_20171223T042731_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T042731_20171223T051709_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T051709_20171223T060644_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_220171223T060644_20171223T065623_C002	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T065623_20171223T074558_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_220171223T074558_20171223T083536_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_220171223T083536_20171223T092511_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_220171223T092511_20171223T101450_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T101450_20171223T110425_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_220171223T115403_20171223T124338_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_220171223T124338_20171223T133317_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_220171223T133317_20171223T142252_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_220171223T142252_20171223T151230_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_220171223T151230_20171223T160206_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_220171223T160206_20171223T165144_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_220171223T165144_20171223T174119_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_220171223T174119_20171223T183058_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_220171223T183058_20171223T192033_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_220171223T192033_20171223T201011_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_220171223T201011_20171223T205946_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20171223T205946_20171223T214925_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_220171223T232838_20171224T001814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

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

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

Tost Failed

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

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

Ice Backscatter Averaging Status Flag: This flag is currently set for products over land, but this is to be expected. 26

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220171222T232950_20171223T001928_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_2_20171223T010903_20171223T015842_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_20171223T015842_20171223T024817_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_220171223T024817_20171223T033755_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_220171223T033755_20171223T042731_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_220171223T042731_20171223T051709_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_220171223T051709_20171223T060644_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_220171223T060644_20171223T065623_C002	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_220171223T065623_20171223T074558_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_220171223T074558_20171223T083536_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_220171223T083536_20171223T092511_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_220171223T092511_20171223T101450_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_20171223T101450_20171223T110425_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_220171223T115403_20171223T124338_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_220171223T124338_20171223T133317_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_20171223T133317_20171223T142252_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_20171223T142252_20171223T151230_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_20171223T151230_20171223T160206_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_20171223T160206_20171223T165144_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_2_20171223T165144_20171223T174119_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_20171223T174119_20171223T183058_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_20171223T183058_20171223T192033_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_20171223T192033_20171223T201011_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_20171223T201011_20171223T205946_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_20171223T205946_20171223T214925_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_20171223T232838_20171224T001814_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

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

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: 24		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_220171223T010903_20171223T015842_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T015842_20171223T024817_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T024817_20171223T033755_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T042731_20171223T051709_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T051709_20171223T060644_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T060644_20171223T065623_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T065623_20171223T074558_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T074558_20171223T083536_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T083536_20171223T092511_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T092511_20171223T101450_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T101450_20171223T110425_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T115403_20171223T124338_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T124338_20171223T133317_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T133317_20171223T142252_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T142252_20171223T151230_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T151230_20171223T160206_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T160206_20171223T165144_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T165144_20171223T174119_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T174119_20171223T183058_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T183058_20171223T192033_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T192033_20171223T201011_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T201011_20171223T205946_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_2_20171223T205946_20171223T214925_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220171223T232838_20171224T001814_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.