



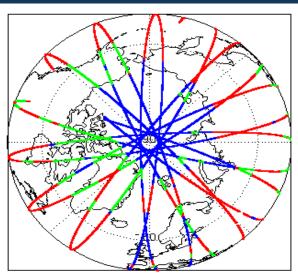
1. Overview

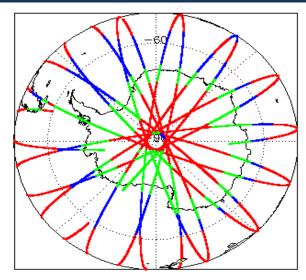
Report Production:	10-Sep-2018 CryoSat Ocean Processor	
Processor Used:		
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

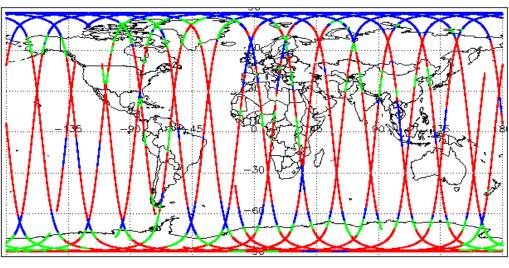
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	Nominal	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	Nominal	Nominal
Measurement Confidence Data Check	See Section 4.5, 4.6 and 5.5	See Section 6.5
Range, SWH & Backscatter Measurement Check	See Section 5.6, 5.7	See Section 6.6, 6.7
Ocean Retracking Quality Check	See Section 5.8	See Section 6.8

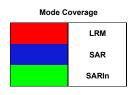
	Mission / Instrument News		
	09-Aug-2018	None	
10-Aug-2018 11-Aug-2018		None	
		Nothing planned	

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. GOP Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

0

4.2 L1B Product Header Analysis

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

4.3 L1B Auxilary Data File Usage Check

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

Number of products with errors:

4.4 L1B Auxiliary Correction Error Check

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

Number of products with errors:

4.5 L1B Measurement Confidence Data Check

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

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

Number of products with errors:

Product		Description
CS_OFFL_SIR_GOPM1B_20180810T031045_20180810T031850_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20180810T042802_20180810T043729_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors:

12

2

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180810T024141_20180810T025757_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T025758_20180810T025951_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T040508_20180810T040718_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T080525_20180810T080559_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T130252_20180810T130620_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T144446_20180810T144720_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T162159_20180810T162326_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T175604_20180810T175628_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T211330_20180810T211424_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180810T212413_20180810T212550_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180810T002832_20180810T002952_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180810T111525_20180810T112243_C001	Loss of Echo	The tracking echo is missing for one or more records

5. GOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

Number of products with errors:

5.2 L2 Product Header Analysis

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

Number of products with errors:

0

5.3 L2 Auxiliary Data File Usage Check

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

Number of products with errors:

5.4 L2 Auxiliary Correction Error Check

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

Number of products with errors:

0

5.5 L2 Measurement Confidence Data Check

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

Number of products with errors:

2

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180810T031045_20180810T031850_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOPM_2_20180810T042802_20180810T043729_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

5.6 L2 Range Measurement Check

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

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

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

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

See Process of Company (1999) and the pr	Product	Test Failed	Description
COPPLIANCE CONTRACT 2018-00101702-2018-00101702-002-00101 COPPLIANCE CONTRACT 2018-00101702-2018-00101702-00101 COPPLIANCE CONTRACT 2018-00101702-00101702-00101 COPPLIANCE CONTRACT 2018-00101702-00101702-00101 COPPLIANCE CONTRACT 2018-00101702-00101 COPPLIAN	CS_OFFL_SIR_GOPM_2_20180809T235328_20180810T002832_C001	Ocean Range Averaging Status	
Computer C	CS_OFFL_SIR_GOPM_2_20180810T003150_20180810T003648_C001	Ice Range Averaging Status	
Communication of the communica	CS_OFFL_SIR_GOPM_2_20180810T003709_20180810T004026_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
The Control of Contr	CS_OFFL_SIR_GOPM_2_20180810T004749_20180810T011923_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
Description of the property of	CS OFFL SIR GOPM 2 20180810T012140 20180810T012337 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
Description (Control of Control o			
COURT SET COME 2 DISSISTANCE AND ADDRESS TRANSPORT COME TO SET AND ADDRESS TRANSPORT TO ADDRESS TRANSPORT ADDRESS TRANSP			
COLOR BURGO COMPAND CO			
Committee, commany States in the Committee Access to t			
Comits, Sins, Comits, 2, 20199911700310, 20199911700310, 2019911700310, 2019911700310, 2019911700310, 2019911700310, 2019911700300, 201991170			records.
Comp. Set Comb. 2 content of company and processes and company and		Ocean Range Averaging Status	records.
CONTEL BIS. COMPL 2 20100917010982, 20100917010912, 20100 CR. OFTEL BIS. COMPL 2 20100917010982, 20100917010912, 20100917010912, 20100917010982, 201009170109	CS_OFFL_SIR_GOPM_2_20180810T032110_20180810T033129_C001	Ocean Range Averaging Status	records.
on for figure expending classified and processes of the control of	CS_OFFL_SIR_GOPM_2_20180810T033309_20180810T034647_C001	Ocean Range Averaging Status	records.
Copper Lang Copper J. 2010001107110002 (201000110710002) Copper Range Averaging Status The Cossan Range Averaging Status Flag has been set for one or more Copper Lang Copper J. 201000110710002 (2010001107100002) Copper Range Averaging Status The Cossan Range Averaging Status Flag has been set for one or more Copper Lang Copper J. 2010001107100002 (2010001107100002) Copper Range Averaging Status The Cossan Range	CS_OFFL_SIR_GOPM_2_20180810T034957_20180810T035457_C001	Ice Range Averaging Status	records.
SCOPPL_SR_GORNL_ZOBBBB 17000042_20188 01070042_20188 010700442_2018 010700441_201	CS_OFFL_SIR_GOPM_2_20180810T040718_20180810T041732_C001	Ocean Range Averaging Status	records.
Co.PPL_SIT_COMPL_201081810100842_20188101008344_COID CS.OPPL_SIT_COMPL_2010818101008342_20188101008344_COID CS.OPPL_SIT_COMPL_201081810100842_20188101008344_COID CS.OPPL_SIT_COMPL_20108181008422_20188101008344_COID CS.OPPL_SIT_COMPL_201081810100842_20188101008344_COID CS.OPPL_SIT_COMPL_2010818101008422_2018810100848_COID CS.OPPL_SIT_COMPL_2010818101008422_2018810100848_COID CS.OPPL_SIT_COMPL_2010818101008422_2018810100848_COID CS.OPPL_SIT_COMPL_2010818101008422_2018810100848_COID CS.OPPL_SIT_COMPL_2010818101008422_2018810100848_COID CS.OPPL_SIT_COMPL_20108181008422_20188101008438_COID CS.OPPL_SIT_COMPL_20108181008422_20188101008438_COID CS.OPPL_SIT_COMPL_20108181008422_20188101008438_COID CS.OPPL_SIT_COMPL_20108181008422_20188101008438_COID CS.OPPL_SIT_COMPL_20108181008422_20188101008438_COID CS.OPPL_SIT_COMPL_20108181008422_20188101008438_COID CS.OPPL_SIT_COMPL_20108181008438_COID CS.OPPL_SIT_COMPL_201081810100848_COID CS.OPPL_SIT_COMPL_20108181	CS_OFFL_SIR_GOPM_2_20180810T041958_20180810T042518_C001	Ocean Range Averaging Status	
SCOPPL_SIN_COPPL_Z.20160810705415_20160610700062 COT CS_OPPL_SIN_COPPL_Z.20160810705415_20160610700062 COT CS_OPPL_SIN_COPPL_Z.20160810705415_20160610707106_COT CS_OPPL_SIN_COPPL_Z.20160810705415_20160610707106_COT CS_OPPL_SIN_COPPL_Z.20160810705415_20160610707106_COT CS_OPPL_SIN_COPPL_Z.20160810705415_20160610707106_COT CS_OPPL_SIN_COPPL_Z.20160810705415_20160610707305_COT CS_OPPL_SIN_COPPL_Z.201608107050625_20160610707305_COT CS_OPPL_SIN_COPPL_Z.20160810707056_20160610707305_COT CS_OPPL_SIN_COPPL_Z.20160810707056_20160610707305_COT CS_OPPL_SIN_COPPL_Z.20160810707066_20160610707305_COT CS_OPPL_SIN_COPPL_Z.2016081070706_20160610707305_COT CS_OPPL_SIN_COPPL_Z.20160810706061_20160610706414_COT CS_OPPL_SIN_COPPL_Z.20160810706061_20160610706414_COT CS_OPPL_SIN_COPPL_Z.20160810706061_20160610706414_COT CS_OPPL_SIN_COPPL_Z.20160810706061_2016610706414_COT CS_OPPL_SIN_COPPL_Z.20160810706061_2016610706414_COT CS_OPPL_SIN_COPPL_Z.20160810706061_2016610706414_COT CS_OPPL_SIN_COPPL_Z.20160810706661_20166610706414_COT CS_OPPL_SIN_COPPL_Z.20160810706661_20166610706414_COT CS_OPPL_SIN_COPPL_Z.201608107066610706414_COT CS_OPPL_SIN_COPPL_Z.201608107066610706414_COT CS_OPPL_SIN_COPPL_Z.201608107066610706414_COT CS_OPPL_SIN_COPPL_Z.201608107066610706414_COT CS_OPPL_SIN_COPPL_Z.201608107066610706414_COT CS_OPPL_SIN_COPPL_Z.201608107066610716200_COT CS_OPPL_SIN_COPPL_Z.201608107066610716200_COT CS_OPPL_SIN_COPPL_Z.201608107160641_20166610716200_COT CS_OPPL_SIN_COPPL_Z.201608107160641_20166610716200_COT CS_OPPL_SIN_COPPL_Z.201608107160641_20166610716200_COT CS_OPPL_SIN_COPPL_Z.2016081071606610716200_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2016200_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2016200_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2016200_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2016200_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2016200_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2006_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2006_COT CS_OPPL_SIN_COPPL_Z.2016081071606061_2006_COT CS_OPPL_SIN_CO	CS_OFFL_SIR_GOPM_2_20180810T042802_20180810T043729_C001	Ocean Range Averaging Status	
SCOPPL_SIR_COPPL_2 1988/910710429_20186810700459_20186810707458_CO01 CS_OPPL_SIR_COPPL_2 29180910704412_201868107071458_CO01 CS_OPPL_SIR_COPPL_2 29180910704412_201868107071458_CO01 CS_OPPL_SIR_COPPL_2 2918091070459_201808107071359_CO01 CS_OPPL_SIR_COPPL_2 2918091070780_201808107071359_CO01 CS_OPPL_SIR_COPPL_2 2918091070780_20180810707359_CO01 CS_OPPL_SIR_COPPL_2 2918091070800_20180810707359_CO01 CS_OPPL_SIR_COPPL_2 2918091070800_2018081070780_20180910707339_CO01 CS_OPPL_SIR_COPPL_2 2918091070800_201808107074415_CO01 CS_OPPL_SIR_COPPL_2 2918091070800_20180810709441_CO01 CS_OPPL_SIR_COPPL_2 29180910708491_CO01 CS_OPPL_SIR_COPPL_2 29180	CS_OFFL_SIR_GOPM_2_20180810T050407_20180810T052458_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GORM_2_20180810T054138_20180810T05445_C001 CS_OFFL_SIR_GORM_2_20180810T054138_20180810T071428_C001 CS_OFFL_SIR_GORM_2_20180810T07135_20180810T071428_C001 CS_OFFL_SIR_GORM_2_20180810T070736_20180810T071320_C001 CS_OFFL_SIR_GORM_2_20180810T070736_20180810T071320_C001 CS_OFFL_SIR_GORM_2_20180810T070736_20180810T07335_C001 CS_OFFL_SIR_GORM_2_20180810T070736_20180810T07335_C001 CS_OFFL_SIR_GORM_2_20180810T070736_20180810T07335_C001 CS_OFFL_SIR_GORM_2_20180810T070736_20180810T07335_C001 CS_OFFL_SIR_GORM_2_20180810T070736_20180810T07335_C001 CS_OFFL_SIR_GORM_2_20180810T080402_C0180810T08414_C001 CS_OFFL_SIR_GORM_2_20180810T100002_C0180810T1000040_C001 CS_OFFL_SIR_GORM_2_20180810T100000_C0180810T110000_C001 CS_OFFL_SIR_GORM_2_20180810T1100000_C0180810T1100000_C001 CS_OFFL_SIR_GORM_2_20180810T1100000_C0180810T111000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T111000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T111000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T111000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T111000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T111000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T111000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T1110000_C001 CS_OFFL_SIR_GORM_2_20180810T1110000_C0180810T1110000_C001 C	CS_OFFL_SIR_GOPM_2_20180810T053033_20180810T053414_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810710618_20180810707343_C001 CS_OFFL_SIR_GOPM_2_20180810707345_20180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810707345_20180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810707345_20180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810707345_20180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810707345_20180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810707345_C0180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810707345_C0180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810707345_C0180810707345_C001 CS_OFFL_SIR_GOPM_2_20180810708453_C0180810708441_C001 CS_OFFL_SIR_GOPM_2_20180810708445_C001 CS_OFFL_SIR_GOPM_2_20180810708466_2018081070833_C001 CS_OFFL_SIR_GOPM_2_20180810708466_20180810708452_C001 CS_OFFL_SIR_GOPM_2_20180810708466_20180810708452_C001 CS_OFFL_SIR_GOPM_2_20180810708466_20180810708452_C001 CS_OFFL_SIR_GOPM_2_20180810708466_20180810708452_C001 CS_OFFL_SIR_GOPM_2_2018081070866_20180810708452_C001 CS_OFFL_SIR_GOPM_2_20180810710866_201808107108452_C001 CS_OFFL_SIR_GOPM_2_20180810710866_201808107108452_C001 CS_OFFL_SIR_GOPM_2_20180810710866_201808107108452_C001 CS_OFFL_SIR_GOPM_2_20180810710866_201808107108452_C001 CS_OFFL_SIR_GOPM_2_20180810710866_201808107108452_C001 CS_OFFL_SIR_GOPM_2_20180810710866_201808107108452_C001 CS_OFFL_SIR_GOPM_2_201808107108463_C01808107108454_C001 CS_OFFL_SIR_GOPM_2_201808107108463_C01808107111542_C001 CS_OFFL_SIR_GOPM_2_201808107110843_201808107111542_C001 CS_OFFL_SIR_GOPM_2_201808107110843_20180810711272_C001 CS_OFFL_SIR_GOPM_2_201808107110843_20180810712172_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OFFL_SIR_GOPM_2_201808107110844_20180810712345_C001 CS_OF	CS_OFFL_SIR_GOPM_2_20180810T054138_20180810T060629_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPML_2_20180810T0T335_20180810T0T3130_C001 CS_OFFL_SIR_GOPML_2_20180810T0T335_20180810T0T3130_C001 CS_OFFL_SIR_GOPML_2_20180810T0T335_20180810T0T3130_C001 CS_OFFL_SIR_GOPML_2_20180810T0T0T330_20180810T0T3130_C001 CS_OFFL_SIR_GOPML_2_20180810T0T0T3305_C001 CS_OFFL_SIR_GOPML_2_20180810T0T0T3735_C001 CS_OFFL_SIR_GOPML_2_20180810T0T0T3735_C001 CS_OFFL_SIR_GOPML_2_20180810T0T0T3735_C001 CS_OFFL_SIR_GOPML_2_20180810T0T0T3735_C001 CS_OFFL_SIR_GOPML_2_20180810T0T0T3735_C001 CS_OFFL_SIR_GOPML_2_20180810T08433_20180810T08441_C001 CS_OFFL_SIR_GOPML_2_20180810T08452_20180810T08433_C001 CS_OFFL_SIR_GOPML_2_20180810T08452_20180810T08400_C001 CS_OFFL_SIR_GOPML_2_20180810T08452_20180810T08400_C001 CS_OFFL_SIR_GOPML_2_20180810T084000_C001 CS_OFFL_SIR_GOPML_2_20180810T084000_C001 CS_OFFL_SIR_GOPML_2_20180810T084000_C001 CS_OFFL_SIR_GOPML_2_20180810T084000_C001 CS_OFFL_SIR_GOPML_2_20180810T084000_C001 CS_OFFL_SIR_GOPML_2_20180810T0840000_C001 CS_OFFL_SIR_GOPML_2_20180810T08400000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20180810T064128_20180810T070448_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOFM_2_20180810170395_20180810703130_C001 CS_OFFL_SIR_GOFM_2_20180810170396_20180810703130_C001 CS_OFFL_SIR_GOFM_2_201808101703083_20180810703130_C001 CS_OFFL_SIR_GOFM_2_201808107030832_201808107034130_C001 CS_OFFL_SIR_GOFM_2_201808107080832_201808107034130_C001 CS_OFFL_SIR_GOFM_2_201808107080832_201808107034130_C001 CS_OFFL_SIR_GOFM_2_201808107080810_20180810708410_C001 CS_OFFL_SIR_GOFM_2_201808107080810_20180810708410_C001 CS_OFFL_SIR_GOFM_2_201808107080810_20180810708410_C001 CS_OFFL_SIR_GOFM_2_201808107080810_20180810708410_C001 CS_OFFL_SIR_GOFM_2_201808107080825_20180810708400_C001 CS_OFFL_SIR_GOFM_2_201808107080825_20180810708400_C001 CS_OFFL_SIR_GOFM_2_201808107080825_20180810708400_C001 CS_OFFL_SIR_GOFM_2_20180810708092_20180810708025_C001 CS_OFFL_SIR_GOFM_2_20180810710090_20180810710202_C001 CS_OFFL_SIR_GOFM_2_20180810710090_20180810710205_C001 CS_OFFL_SIR_GOFM_2_201808107110208_201808107110106_C001 CS_OFFL_SIR_GOFM_2_2018081071102808_201808107110106_C001 CS_OFFL_SIR_GOFM_2_2018081071102808_201808107112806_C001 CS_OFFL_SIR_GOFM_2_201808107112808_20180810712806_C001 CS_OFFL_SIR_GOFM_2_201808107112808_20180810712808_C00	CS_OFFL_SIR_GOPM_2_20180810T070815_20180810T071328_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOFM_2_20180810T1072054_20180810T073130_C001 CS_OFFL_SIR_GOFM_2_20180810T107309_20180810T073130_C001 CS_OFFL_SIR_GOFM_2_20180810T107309_20180810T073131_C001 CS_OFFL_SIR_GOFM_2_20180810T08033_20180810T081310_C001 CS_OFFL_SIR_GOFM_2_20180810T08033_20180810T081310_C001 CS_OFFL_SIR_GOFM_2_20180810T08033_20180810T08431_C001 CS_OFFL_SIR_GOFM_2_20180810T080312_20180810T08333_C001 CS_OFFL_SIR_GOFM_2_20180810T0804502_20180810T084301_C001 CS_OFFL_SIR_GOFM_2_20180810T0804502_20180810T084301_C001 CS_OFFL_SIR_GOFM_2_20180810T10904502_20180810T084301_C001 CS_OFFL_SIR_GOFM_2_20180810T10904502_20180810T109203_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T109204_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T109204_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T109204_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T109204_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T109204_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T109204_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T10106_C001 CS_OFFL_SIR_GOFM_2_20180810T1090502_20180810T1109050_C00180810T1090502_C0180810T1090502_C0180810T1090502_C0180810T1090502_C0180810	CS OFFL SIR GOPM 2 20180810T071335 20180810T071702 C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201808107103708_201808107105551_C001 CS_OFFL_SIR_GOPM_2_201808107108003_201808107108413_C001 CS_OFFL_SIR_GOPM_2_201808107108404_2018081071084413_C001 CS_OFFL_SIR_GOPM_2_201808107108404_201808107108401_C001 CS_OFFL_SIR_GOPM_2_201808107108404_201808107108401_C001 CS_OFFL_SIR_GOPM_2_201808107108403_201808107108401_C001 CS_OFFL_SIR_GOPM_2_201808107108403_201808107108403_C001 CS_OFFL_SIR_GOPM_2_20180810710803_201808107108204_C001 CS_OFFL_SIR_GOPM_2_20180810710803_20180810710203_C001 CS_OFFL_SIR_GOPM_2_20180810710903_2018081071103254_C001 CS_OFFL_SIR_GOPM_2_201808107110308_201808107111152001 CS_OFFL_SIR_GOPM_2_201808107110308_201808107112712_C001 CS_OFFL_SIR_GOPM_2_201808107112038_201808107112713_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_2018081071121158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_201808107112158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_201808107112158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_201808107112158_C001 CS_OFFL_SIR_GOPM_2_201808107112038_201808107112158_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_201808107112158_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_201808107121580_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_2018081071125000_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_2018081071125000_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_2018081071125000_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_2018081071125000_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_2018081071125000_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_201808107112000_C001 CCS_OFFL_SIR_GOPM_2_201808107112038_201808107112000_C001 CCS_OFFL_SIR_GOPM_2_201808107114038_201808107112000_C001 CCS_OFFL_SIR_GOPM_2_201808107114			The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_201808107080633_20180810708404_C001 Cs_OFFL_SIR_GOPM_2_20180810708404_20180810708401_C001 Cs_OFFL_SIR_GOPM_2_20180810708404_20180810708401_C001 Cs_OFFL_SIR_GOPM_2_201808107084064_20180810708400_C001 Cs_OFFL_SIR_GOPM_2_20180810708405_20180810709400_C001 Cs_OFFL_SIR_GOPM_2_201808107084065_20180810709400_C001 Cs_OFFL_SIR_GOPM_2_201808107084065_201808107094741_C001 Cs_OFFL_SIR_GOPM_2_201808107094066_201808107094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094066_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071094741_C001 Cs_OFFL_SIR_GOPM_2_2018081071094068_2018081071109406_C001 Cs_OFFL_SIR_GOPM_2_20180810711094068_201808107110956_C001 Cs_OFFL_SIR_GOPM_2_201808107112443_2018081071127142_C001 Ccs_OFFL_SIR_GOPM_2_201808107112443_2018081071127156_C001 Ccs_OFFL_SIR_GOPM_2_201808107112443_20180810711271552_C001 Ccs_OFFL_SIR_GOPM_2_201808107112434_2018081071127552_C001 Ccs_OFFL_SIR_GOPM_2_201808107112804_2018081071125532_C001 Ccs_OFFL_SIR_GOPM_2_2018081071130711_201808107132645_C001 Ccs_OFFL_SIR_GOPM_2_2018081071130711_201808107132645_C001 Ccs_OFFL_SIR_GOPM_2_2018081071136406_C001 Ccs_OFFL_SIR_GOPM_2_2018081071136406_C001 Ccs_OFFL_SIR_GOPM_2_2018081071136406_C001 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_OFFL_SIR_GOPM_2_201808107136407_C0010 Ccs_O			
CS_OFFL_SIR_GOPM_2_20180810T08404_20180810T08431_C001 CS_OFFL_SIR_GOPM_2_20180810T084042_20180810T083333_C001 CS_OFFL_SIR_GOPM_2_20180810T084052_20180810T094000_C001 CS_OFFL_SIR_GOPM_2_20180810T084052_20180810T094000_C001 CS_OFFL_SIR_GOPM_2_20180810T084052_20180810T094000_C001 CS_OFFL_SIR_GOPM_2_20180810T0940000_20180810T09474_C001 CS_OFFL_SIR_GOPM_2_20180810T0940000_20180810T09474_C001 CS_OFFL_SIR_GOPM_2_20180810T0090000_20180810T094741_C001 CS_OFFL_SIR_GOPM_2_20180810T1009000_20180810T00200_C001 CS_OFFL_SIR_GOPM_2_20180810T1009000_20180810T100200_C001 CS_OFFL_SIR_GOPM_2_20180810T1009000_20180810T100200_C001 CS_OFFL_SIR_GOPM_2_20180810T1009000_20180810T100200_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T100200_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T100200_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T100200_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T11000_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T11000_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T11000_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T11000_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T11000_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T11000_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T11000_C001 CS_OFFL_SIR_GOPM_2_20180810T100900_20180810T10000_C001 CS_OFFL_SIR_GOPM_2_20180810T10000_20180810T10000_C001 CS_OFFL_SIR_GOPM_2_20180810T100000_20180810T1000000000000000000000000000000			
CS_OFFL_SIR_GOPM_2_20180810T084814_20180810T086401_C001 Cs_OFFL_SIR_GOPM_2_20180810T090152_20180810T093333_C001 Ccean Range Averaging Slatus The Doesn Range Averaging Slatus Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20180810T094525_20180810T094600_C001 CS_OFFL_SIR_GOPM_2_20180810T094525_20180810T094600_C001 CS_OFFL_SIR_GOPM_2_20180810T1094525_20180810T094741_C001 CS_OFFL_SIR_GOPM_2_20180810T1094503_20180810T1002743_C001 CS_OFFL_SIR_GOPM_2_20180810T102743_20180810T1002740_C001 CS_OFFL_SIR_GOPM_2_20180810T102743_20180810T1002740_C001 CS_OFFL_SIR_GOPM_2_20180810T103508_20180810T110100_C001 CS_OFFL_SIR_GOPM_2_20180810T103508_20180810T110100_C001 CS_OFFL_SIR_GOPM_2_20180810T103508_20180810T110100_C001 CS_OFFL_SIR_GOPM_2_20180810T103508_20180810T110100_C001 CS_OFFL_SIR_GOPM_2_20180810T12443_20180810T1107272_C001 CCean Range Averaging Slatus The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20180810T112443_20180810T112712_C001 CCean Range Averaging Slatus CCean Range Averaging Slatus CCean Range Averaging Slatus CCean Range Averaging Slatus The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more records. The Ocean Range Averaging Slatus Flag has been set for one or more			
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CS_OFFL_SIR_GOPM_2_2018081071094525_201808107094600_C001 Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_2018081071094508_201808107103254_C001 Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107109408_201808107103254_C001 Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107109435_201808107103254_C001 Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107110350_201808107110106_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107110350_2018081071111524_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_2018081071110350_2018081071112712_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107111434_201808107112715_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107112834_201808107121156_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_20180810713284_201808107132845_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107132834_201808107132845_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107132834_201808107132805_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. S_OFFL_SIR_GOPM_2_201808107135307_20180810713507_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			records.
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CS_OFFL_SIR_GOPM_2_20180810T102743_20180810T102254_CO01 CS_OFFL_SIR_GOPM_2_20180810T103958_20180810T11016_CO01 CS_OFFL_SIR_GOPM_2_20180810T103958_20180810T111524_CO01 CS_OFFL_SIR_GOPM_2_20180810T1103958_20180810T111524_CO01 CS_OFFL_SIR_GOPM_2_20180810T1103958_20180810T111524_CO01 CS_OFFL_SIR_GOPM_2_20180810T1103958_20180810T111524_CO01 CS_OFFL_SIR_GOPM_2_20180810T112443_20180810T112156_CO01 CS_OFFL_SIR_GOPM_2_20180810T112434_20180810T120156_CO01 CS_OFFL_SIR_GOPM_2_20180810T112934_20180810T120156_CO01 CS_OFFL_SIR_GOPM_2_20180810T12934_20180810T121156_CO01 CS_OFFL_SIR_GOPM_2_20180810T12934_20180810T121552_CO01 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T125532_CO01 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132645_CO01 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307011 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307011 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307011 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307011 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307011 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307011 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307011 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307711 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307711 CS_OFFL_SIR_GOPM_2_20180810T1307711_20180810T1307711 CS_OFFL_SIR_GOPM_2_20180810T1307711 CS_OFFL_SIR_GOPM_2_20180810T1307711 CS_OFFL_SIR_GOPM_2_20180810T1307711 CS_OFFL_SIR_GOPM_2_20180810T135832_20180810T14132T_CO01 CS_OFFL_SIR_GOPM_2_20180810T150733_20180810T150705_CO01 CS_OFFL_SIR_GOPM_2_20180810	CS_OFFL_SIR_GOPM_2_20180810T094608_20180810T094741_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180810T10358_20180810T112742_C001 CS_OFFL_SIR_GOPM_2_20180810T110350_20180810T111524_C001 CS_OFFL_SIR_GOPM_2_20180810T11350_20180810T1112712_C001 CS_OFFL_SIR_GOPM_2_20180810T112743_20180810T112712_C001 CS_OFFL_SIR_GOPM_2_20180810T112743_20180810T112712_C001 CS_OFFL_SIR_GOPM_2_20180810T112433_20180810T12712_C001 CS_OFFL_SIR_GOPM_2_20180810T112433_20180810T12715_C001 CS_OFFL_SIR_GOPM_2_20180810T120936_20180810T121156_C001 CS_OFFL_SIR_GOPM_2_20180810T120936_20180810T12156_C001 CS_OFFL_SIR_GOPM_2_20180810T120936_20180810T125322_C001 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T125322_C001 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132845_C001 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132845_C001 CS_OFFL_SIR_GOPM_2_20180810T130771_20180810T132845_C001 CS_OFFL_SIR_GOPM_2_20180810T135232_C001 CS_OFFL_SIR_GOPM_2_20180810T135232_C001 CS_OFFL_SIR_GOPM_2_20180810T135205_C001 CS_OFFL_SIR_GOPM_2_20180810T135205_C001 CS_OFFL_SIR_GOPM_2_20180810T135205_C001 CS_OFFL_SIR_GOPM_2_20180810T135303_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T135303_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T14530_20180810T145507_C001 CS_OFFL_SIR_GOPM_2_20180810T14530_20180810T15505_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15505_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15505_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15505_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15505_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15505_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15505_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15205_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15307_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15300_C001 CS_OFFL_SIR_GOPM_2_20180810T15300_C001 CS_OFFL_SIR_GOPM_	CS_OFFL_SIR_GOPM_2_20180810T100903_20180810T102203_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180810T110350_20180810T112712_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. CS_OFFL_SIR_GOPM_2_20180810T13532_20180810T14530_20180810T14530_20180810T14530_20180810T14530_20180810T14530_20180810T14530_20180810T145300_20180810T145300_20180810T145300_20180810T145300_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_20180810T153000_2018	CS_OFFL_SIR_GOPM_2_20180810T102743_20180810T103254_C001	Ice Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180810T11243_20180810T112712_C001 CS_OFFL_SIR_GOPM_2_20180810T11243_20180810T120156_C001 CS_OFFL_SIR_GOPM_2_20180810T11243_20180810T120156_C001 CS_OFFL_SIR_GOPM_2_20180810T120336_20180810T121155_C001 CS_OFFL_SIR_GOPM_2_20180810T120336_20180810T121155_C001 CS_OFFL_SIR_GOPM_2_20180810T120334_20180810T125532_C001 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T125532_C001 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132645_C001 CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T134003_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135232_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T135232_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T135232_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T14254_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T145373_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T153507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T1051507_C001 CCEAR Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. The Coean Range Averaging Status Flag has been set for one or more records. The Coean Range Averaging Status Flag has been set for one or more records. The Coean Range Averaging Status Flag has been set for one or more records. The Coean Range Averaging Status Flag has been set for one or more records. The Coean Range Averaging Status Flag	CS_OFFL_SIR_GOPM_2_20180810T103958_20180810T110106_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180810T11243_20180810T120156_C001 CS_OFFL_SIR_GOPM_2_20180810T120336_20180810T120156_C001 CS_OFFL_SIR_GOPM_2_20180810T120336_20180810T12156_C001 CS_OFFL_SIR_GOPM_2_20180810T120334_20180810T12532_C001 CS_OFFL_SIR_GOPM_2_20180810T120334_20180810T12532_C001 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132645_C001 CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132645_C001 CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T132645_C001 CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T134003_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T1425607_C001 CS_OFFL_SIR_GOPM_2_20180810T135332_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T14751_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T14721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T14721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T150507_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T152001_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CCS_OFFL_SIR_GOPM_2_20180810T153801_20180810T152001_C001 CCS_OFFL_SIR_GOPM_2_20180810T153801_20180810T152001_C001 CCS_OFFL_SIR_GOPM_2_20180810T153801_20180810T152001_C001 CCS_OFFL_SIR_GOPM_2_20180810T153801_20180810T152001_C001 CCS_OFFL_SIR_GOPM_2_20180810T153801_20180810T152001_C001 CCCCARRANGE Averaging Status The Cocar Range Averaging Status Flag has been set for one or more records. The Cocar Range Averaging Status Flag has been set for one or more records. The Cocar Range Averaging Status Flag h	CS_OFFL_SIR_GOPM_2_20180810T110350_20180810T111524_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180810T120936_20180810T121156_C001 Ice Range Averaging Status Fecords. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The 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 St	CS_OFFL_SIR_GOPM_2_20180810T112443_20180810T112712_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180810T121934_20180810T12532_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 Ice Range Averaging Status Flag has been set for one or more records. The Ice Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The Ocean Range Averaging Status Flag has been set for one or more records. The 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 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 bee	CS_OFFL_SIR_GOPM_2_20180810T114343_20180810T120156_C001	Ocean Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T132645_C001 CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T134003_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135832_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T135832_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T144721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T153025_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T153507_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T170151_2001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOP	CS_OFFL_SIR_GOPM_2_20180810T120936_20180810T121156_C001	Ice Range Averaging Status	
CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132645_C001 CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T134003_C001 CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T134003_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135832_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T14530_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T14530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T144721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T144721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T153025_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T153007_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T17735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T1742015_C001 CS_OFFL_SIR_GOPM_2_20180810T1742015_C001 CS_OFFL_SIR_GOPM_2_20180810T1742015_C001 CS_OFFL_SIR_GOPM_2_20180810T1742015_C001 CS_OFFL_SIR_GOPM_2_20180810T1742015_C001 CS_OFFL_SIR_GOPM_2_20180810	CS_OFFL_SIR_GOPM_2_20180810T121934_20180810T125532_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T141721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T15050_C001 CS_OFFL_SIR_GOPM_2_20180810T15005_C001 CS_OFFL_SIR_GOPM_2_20180810T162605_20180810T17015_C001 CC_OCAN 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 o	CS_OFFL_SIR_GOPM_2_20180810T130711_20180810T132645_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001 CS_OFFL_SIR_GOPM_2_20180810T135832_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T144721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T153025_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T153057_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T170151_S001 CCS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CCS_OFFL_SIR_GOPM_2_20180810T170151_C001 CCCS_OFFL_SIR_GOPM_2_20180810T170151_C001 CCCS_OFFL_SIR_GOPM_2_20180810T170151_C001 CCCS_OFFL_SIR	CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T134003_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T135832_20180810T141327_C001 CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_C001 CS_OFFL_SIR_GOPM_2_20180810T144721_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T150408_C001 CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T153025_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T153507_C001 CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T153507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T173550T180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T173550T180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T177355_20180810T1774203_C001 CCean 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.	CS_OFFL_SIR_GOPM_2_20180810T135244_20180810T135607_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T141530_20180810T142454_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 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_GOPM_2_20180810T153037_20180810T153507_C001 CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_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.	CS OFFL SIR GOPM 2 20180810T135832 20180810T141327 C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T144721_20180810T150408_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 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
CS_OFFL_SIR_GOPM_2_20180810T152733_20180810T153025_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. CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 Ocean Range Averaging Status The Ocean Range Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_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
CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T153507_C001 Ice Range Averaging Status I			
CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T1735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T17735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T17131411_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T17131411_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_3_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_3_20180810T181411_20180810T182534			records.
CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T162900_C001 CS_OFFL_SIR_GOPM_2_20180810T162638_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001			records.
CS_OFFL_SIR_GOPM_2_20180810T182538_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T17131411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001 CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001			records.
CS_OFFL_SIR_GOPM_2_20180810T170151_C001 CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T174203_C001 CS_OFFL_SIR_GOPM_2_20180810T184411 CS_OFFL_SIR_GOPM_2_20180810T184118 CS_OFFL_SIR_GOPM_2_20180810T184118 CS_OFFL_SIR_GOPM_2_20180810T184118 CS_OFFL_SIR_GOPM_2_20180810T184118 CS_OFFL_SIR_GOPM_2_20180810T184118 CS_OFFL_SIR_GOPM_2_20180810T184118 CS_OFFL_SIR_GOPM_2_20180810T184118 CS_OFFL_SIR_GOPM_2_20180810T1841818 CS_OFFL_SIR_GOPM_2_20180810T1841818 CS_OFFL_SIR_GOPM_2_20180810T1841818 CS_OFFL_SIR_GOPM_2_20180810T184181818 CS_OFFL_SIR_GOPM_2_20180810T184181818 CS_OFFL_SIR_GOPM_2_20180810T184181818181818		Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_201808101171735_201808101174203_C001 Ocean Range Averaging Status records. The Ocean Range Averaging Status Flag has been set for one or more	CS_OFFL_SIR_GOPM_2_20180810T163858_20180810T170151_C001	Ocean Range Averaging Status	records.
	CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_C001	Ocean Range Averaging Status	records.
records.	CS_OFFL_SIR_GOPM_2_20180810T181411_20180810T182534_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPM_2_20180810T183020_20180810T184107_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T184751_20180810T185208_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T185703_20180810T192300_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T192819_20180810T193453_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T194828_20180810T200402_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T200933_20180810T201844_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T202702_20180810T203247_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T203611_20180810T204028_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T211147_20180810T211329_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T212550_20180810T215853_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T220607_20180810T221118_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T221656_20180810T223235_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T230246_20180810T233309_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T233320_20180810T233751_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T234613_20180810T235026_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T235522_20180811T002814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180810T020857_20180810T021036_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180810T030137_20180810T030207_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180810T035532_20180810T035536_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180810T044741_20180810T044806_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180810T070448_20180810T070637_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180810T075751_20180810T080524_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180810T215853_20180810T220250_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

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. 75

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180809T235328_20180810T002832_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_GOPM_2_20180810T003150_20180810T003648_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T003709_20180810T004026_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T004749_20180810T011923_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_GOPM_2_20180810T012140_20180810T012337_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T013144_20180810T014628_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_GOPM_2_20180810T015211_20180810T020802_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_GOPM_2_20180810T021036_20180810T021546_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T022541_20180810T023927_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_GOPM_2_20180810T024141_20180810T025757_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_GOPM_2_20180810T032110_20180810T033129_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_GOPM_2_20180810T033309_20180810T034647_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_GOPM_2_20180810T034957_20180810T035457_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T040718_20180810T041732_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_GOPM_2_20180810T041958_20180810T042518_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_GOPM_2_20180810T042802_20180810T043729_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_GOPM_2_20180810T050407_20180810T052458_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_GOPM_2_20180810T053033_20180810T053414_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T054138_20180810T060629_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_GOPM_2_20180810T064128_20180810T070448_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T070815_20180810T071328_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180810T071335_20180810T071702_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T072054_20180810T073130_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_GOPM_2_20180810T073708_20180810T075351_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_GOPM_2_20180810T080633_20180810T081340_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_GOPM_2_20180810T084004_20180810T084413_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_GOPM_2_20180810T084814_20180810T085401_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T090152_20180810T093333_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_GOPM_2_20180810T094525_20180810T094600_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_GOPM_2_20180810T094608_20180810T094741_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_GOPM_2_20180810T100903_20180810T102203_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180810T102743_20180810T103254_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 GOPM 2 20180810T103958 20180810T110106 C001	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180810T110350_20180810T111524_C001	Backscatter Averaging Status SWH Averaging Status, Ocean	more 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_GOPM_2_20180810T112443_20180810T112712_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_GOPM_2_20180810T114343_20180810T120156_C001	Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T120936_20180810T121156_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_GOPM_2_20180810T121934_20180810T125532_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_GOPM_2_20180810T130711_20180810T132645_C001	Backscatter Averaging Status	more records.
CS_OFFL_SIR_GOPM_2_20180810T132707_20180810T134003_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_GOPM_2_20180810T135244_20180810T135607_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T135832_20180810T141327_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_GOPM_2_20180810T141530_20180810T142454_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_GOPM_2_20180810T144721_20180810T150408_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_GOPM_2_20180810T152034_20180810T152132_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_GOPM_2_20180810T152733_20180810T153025_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T153037_20180810T153507_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T153801_20180810T155155_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_GOPM_2_20180810T162638_20180810T162900_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 GOPM 2 20180810T163858 20180810T170151 C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180810T171735_20180810T174203_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 GOPM 2 20180810T181411 20180810T182534 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_GOPM_2_20180810T183020_20180810T184107_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_GOPM_2_20180810T184751_20180810T185208_C001	Backscatter Averaging Status Ice Backscatter Averaging Status	more records. The Ice Backscatter Averaging Status Flag has been set for one or more
	SWH Averaging Status, Ocean	records. The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180810T185703_20180810T192300_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_GOPM_2_20180810T192819_20180810T193453_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_GOPM_2_20180810T194828_20180810T200402_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_GOPM_2_20180810T200933_20180810T201844_C001	Backscatter Averaging Status	more records. The lee Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180810T202702_20180810T203247_C001	Ice Backscatter Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180810T211147_20180810T211329_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_GOPM_2_20180810T212550_20180810T215853_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_GOPM_2_20180810T220607_20180810T221118_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T221656_20180810T223235_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_GOPM_2_20180810T225052_20180810T225227_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_GOPM_2_20180810T230246_20180810T233309_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_GOPM_2_20180810T234412_20180810T234606_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T234613_20180810T235026_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180810T235522_20180811T002814_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_GOPN_2_20180810T020857_20180810T021036_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180810T030137_20180810T030207_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_GOPN_2_20180810T035532_20180810T035536_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOPN_2_20180810T044741_20180810T044806_C001	0 0	The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180810T070448_20180810T070637_C001		The SWH and Ocean Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180810T075751_20180810T080524_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_GOPR_2_20180810T215853_20180810T220250_C001		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. GOP 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).

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Number of products with errors:

6.5 P2P Measurement Confidence Data Check

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

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180810T030537_20180810T035516_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_2_20180810T035516_20180810T044450_C001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records

6.6 P2P Range Measurement Check

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180809T234710_20180810T003649_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_GOP_2_20180810T003649_20180810T012623_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_GOP_220180810T012623_20180810T021603_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_GOP_220180810T021603_20180810T030537_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180810T030537_20180810T035516_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_GOP_220180810T035516_20180810T044450_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T044450_20180810T053430_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_GOP_220180810T053430_20180810T062404_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_GOP_220180810T062404_20180810T071344_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_GOP_220180810T071344_20180810T080318_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T080318_20180810T085257_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_GOP_220180810T085257_20180810T094231_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T094231_20180810T103211_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_GOP_220180810T103211_20180810T112145_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T112145_20180810T121124_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_GOP_220180810T121124_20180810T130058_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180810T130058_20180810T135038_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180810T135038_20180810T144012_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_GOP_220180810T144012_20180810T152951_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_GOP_220180810T152951_20180810T161925_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_GOP_220180810T161925_20180810T170905_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T170905_20180810T175839_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T175839_20180810T184819_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T184819_20180810T193753_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_GOP_220180810T193753_20180810T202732_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T202732_20180810T211706_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_GOP_220180810T211706_20180810T220646_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_GOP_220180810T220646_20180810T225620_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_GOP_220180810T225620_20180810T234559_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T234559_20180811T003533_C002	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20180809T234710_20180810T003649_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_GOP_2_20180810T003649_20180810T012623_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_GOP_2_20180810T012623_20180810T021603_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_GOP_220180810T021603_20180810T030537_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_GOP_2_20180810T030537_20180810T035516_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_GOP_220180810T035516_20180810T044450_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_GOP_2_20180810T044450_20180810T053430_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_GOP_2_20180810T053430_20180810T062404_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_GOP_2_20180810T062404_20180810T071344_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_GOP_2_20180810T071344_20180810T080318_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_GOP_2_20180810T080318_20180810T085257_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_GOP_2_20180810T085257_20180810T094231_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_GOP_2_20180810T094231_20180810T103211_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_GOP_2_20180810T103211_20180810T112145_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_GOP_2_20180810T112145_20180810T121124_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_GOP_2_20180810T121124_20180810T130058_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_GOP_2_20180810T130058_20180810T135038_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_GOP_2_20180810T135038_20180810T144012_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_GOP_2_20180810T144012_20180810T152951_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_GOP_2_20180810T152951_20180810T161925_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_GOP_2_20180810T161925_20180810T170905_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_GOP_2_20180810T170905_20180810T175839_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_GOP_2_20180810T175839_20180810T184819_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_GOP_2_20180810T184819_20180810T193753_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_GOP_2_20180810T193753_20180810T202732_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_GOP_2_20180810T202732_20180810T211706_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_GOP_2_20180810T211706_20180810T220646_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_GOP_2_20180810T220646_20180810T225620_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_GOP_2_20180810T225620_20180810T234559_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_GOP_220180810T234559_20180811T003533_C002	SWH Averaging Status, Ocean Backscatter Averaging Status, Ice Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180809T234710_20180810T003649_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T003649_20180810T012623_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T012623_20180810T021603_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T021603_20180810T030537_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T030537_20180810T035516_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T035516_20180810T044450_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T044450_20180810T053430_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T053430_20180810T062404_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T062404_20180810T071344_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T071344_20180810T080318_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T080318_20180810T085257_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T085257_20180810T094231_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T094231_20180810T103211_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T103211_20180810T112145_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T121124_20180810T130058_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T130058_20180810T135038_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T135038_20180810T144012_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T144012_20180810T152951_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T161925_20180810T170905_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T170905_20180810T175839_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T175839_20180810T184819_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T184819_20180810T193753_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T193753_20180810T202732_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180810T202732_20180810T211706_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180810T211706_20180810T220646_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180810T220646_20180810T225620_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180810T225620_20180810T234559_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.