



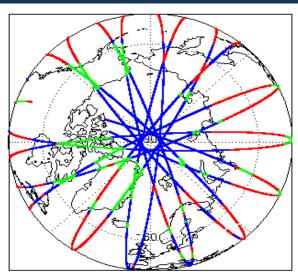
1. Overview

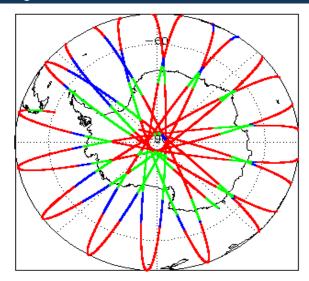
Report Production:	08-Mar-2018	
Processor Used:	CryoSat Ocean Processor	
Data Used:	Geophysical Ocean Products (GOP) L1B, L2 & P2P Science Data	

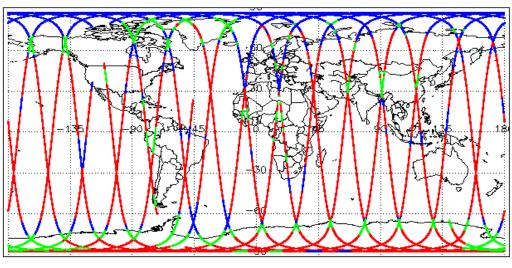
Check	L1 & L2	P2P
Server check: science-pds.cryosat.esa.int	Nominal	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal	Nominal
Product Software Check	Nominal	Nominal
Product Format Check	Nominal	Nominal
Product Header Analysis	See Section 5.2	Nominal
Auxiliary Data File Usage Check	Nominal	Nominal
Auxiliary Correction Error Check	See Section 5.4	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

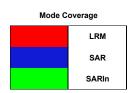
Mission / Instrument News		
22-Jan-2018	None	
23-Jan-2018	None	
24-Jan-2018	Nothing planned	

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.

Number of products with errors:

Product		Description
CS_OFFL_SIR_GOPM1B_20180123T000751_20180123T002235_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20180123T005555_20180123T010516_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOPM1B_20180123T121532_20180123T122918_C001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records

4.6 L1B Waveform Group Data Check

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

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

Number of products with errors: 15

Product	Test Failed	Description
CS_OFFL_SIR_GOPM1B_20180123T003829_20180123T005343_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180123T030646_20180123T030707_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180123T061221_20180123T061419_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPM1B_20180123T142740_20180123T142759_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T012653_20180123T012859_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T030145_20180123T030646_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T043444_20180123T043520_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T093001_20180123T093025_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T093238_20180123T093530_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T125128_20180123T125344_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T175516_20180123T175552_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPN1B_20180123T225244_20180123T225651_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180123T132122_20180123T132301_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180123T161034_20180123T162008_C001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOPR1B_20180123T232953_20180123T233624_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:

Product	Test Failed
CS_OFFL_SIR_GOPR_2_20180123T060455_20180123T060458_C001	Percentage of processing errors detected greater than minimum acceptable threshold.

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:

Product	Test Failed	Description
CS_OFFL_SIR_GOPN_2_20180123T142759_20180123T143212_C001		There are no values for GPD wet tropospheric correction in this product due to misisng inputs to the GPD file processing.

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.

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180123T000751_20180123T002235_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_20180123T005555_20180123T010516_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_20180123T121532_20180123T122918_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. 75

Product	Test Failed	Description The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180122T234926_20180123T000537_C001	Ocean Range Averaging Status	records. The Ocean Range Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180123T000751_20180123T002235_C001	Ocean Range Averaging Status	records.
CS_OFFL_SIR_GOPM_2_20180123T002934_20180123T003145_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T003829_20180123T005343_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T005555_20180123T010516_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T013329_20180123T014042_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T014950_20180123T020429_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T020726_20180123T021548_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T021804_20180123T023514_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T023557_20180123T024027_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T031654_20180123T032007_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T032032_20180123T034358_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T034625_20180123T034823_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T034910_20180123T035407_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T035655_20180123T042240_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T045537_20180123T050532_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T051111_20180123T052143_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T052831_20180123T053430_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T053602_20180123T055842_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T062724_20180123T070126_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T070739_20180123T071301_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T071501_20180123T072056_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T075059_20180123T075304_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T080712_20180123T081541_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T081826_20180123T084044_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T084747_20180123T085154_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T085409_20180123T090658_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T090845_20180123T091442_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T094550_20180123T101927_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T102142_20180123T102640_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T102700_20180123T103018_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T103739_20180123T110854_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T111016_20180123T111125_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T112820_20180123T113621_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T114205_20180123T115839_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T120027_20180123T120538_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T120544_20180123T120551_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T121532_20180123T122918_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T123131_20180123T124308_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T131103_20180123T132122_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T132301_20180123T133733_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T133948_20180123T134449_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
	I	records.

CS_OFFL_SIR_GOPM_2_20180123T135323_20180123T135456_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T135711_20180123T140717_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T140952_20180123T141509_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T145359_20180123T151701_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T153019_20180123T155904_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T163035_20180123T165628_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T165806_20180123T170319_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T170326_20180123T170653_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T171029_20180123T172120_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T172658_20180123T174340_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T181218_20180123T181351_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T182956_20180123T183557_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T205056_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T205340_20180123T210259_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T211442_20180123T211515_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T213336_20180123T215308_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T220838_20180123T224031_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T225734_20180123T231639_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T231700_20180123T232953_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180123T101944_20180123T102142_C001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180123T225244_20180123T225651_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T002235_20180123T002319_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T085319_20180123T085409_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T115839_20180123T115848_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T124940_20180123T125128_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T141631_20180123T141752_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T192647_20180123T193336_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T193846_20180123T193916_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPR_2_20180123T232953_20180123T233624_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

5.7 L2 SWH and Backscatter Measurement Check

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

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

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

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOPM_2_20180122T234926_20180123T000537_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_20180123T000751_20180123T002235_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_20180123T002934_20180123T003145_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T003829_20180123T005343_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_20180123T005555_20180123T010516_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_20180123T013329_20180123T014042_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_20180123T014950_20180123T020429_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_20180123T020726_20180123T021548_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPM_2_20180123T021804_20180123T023514_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_20180123T023557_20180123T024027_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

Comp. 18 Comp. 2 potential transport policy. See Section 1. Averaging State. See Section 1. Avera	OO OFFI OID OODM A COMMANDED COMMAND C	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Computer C	CS_OFFL_SIR_GOPM_2_20180123T031654_20180123T032007_C001	Backscatter Averaging Status	more records.
Core, sp. core 3 2000 2000000000000000000000000000000	CS_OFFL_SIR_GOPM_2_20180123T032032_20180123T034358_C001		more records.
Security Company Com	CS_OFFL_SIR_GOPM_2_20180123T034625_20180123T034823_C001	Ice Backscatter Averaging Status	records.
CONTLINENCIAL CONTROL 2010/01/21/2007 2010/21/2009 2010/	CS_OFFL_SIR_GOPM_2_20180123T034910_20180123T035407_C001	Ice Backscatter Averaging Status	
Co. CPF., URL COMPL_2 delivorational type and the terms of or	CS_OFFL_SIR_GOPM_2_20180123T035655_20180123T042240_C001		
CO.PH. SR. COMP. 2 (2010) 21000021 (2010) 2010 (2010)	CS_OFFL_SIR_GOPM_2_20180123T045537_20180123T050532_C001		
Co. Opt. Set Communication Communicati	CS_OFFL_SIR_GOPM_2_20180123T051111_20180123T052143_C001	0 0	
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Co.PFF_SIL_COPI_2_2010123T00703_2010123T01312_E010 Co.PFF_SIL_COPI_2_2010123T07032_0010123T01312_E010 Co.PFF_SIL_COPI_2_2010123T07030_2010123T0330_E010 Co.PFF_SIL_COPI_2_2010123T07030_2010123T0330_E0100_E01013T0330_E0100_E01013T0330_E0100_E01013T0330_E0100_E	CS_OFFL_SIR_GOPM_2_20180123T053602_20180123T055842_C001		The SWH and Ocean Averaging Status Flags have been set for one or
E. D. CH. S. B. COPH 2, 2010/12/107697_2010/12/107690_0010 20, OFFL, S.R. COPH 2, 2010/12/107697_2010/12/107694_0010 20, OFFL, S.R. COPH 2, 2010/12/107694_0010/12/107694_0010 20, OFFL, S.R. COPH 2, 2010/12/107696_0010/12/107694_0010 20, OFFL, S.R. COPH 2, 2010/12/107696_0010/12/107694_0010 20, OFFL, S.R. COPH 2, 2010/12/107696_0010/	CS_OFFL_SIR_GOPM_2_20180123T062724_20180123T070126_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
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Solf-Merchagins Status Locars Accepting Status Locars (No. 2016) (2017) (2017) (2017)		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Sol April 1987, Gorean (Joseph 2, 2018) 1237180972, 201801237180944, 201801237180942, 20180		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS OFFL. SIR. GOPPL 2 01901237104529 20190123710540 0010 CS OFFL. SIR. GOPPL 2 0190123710540 201901237110540 0010 CS OFFL. SIR. GOPPL 2 0190123710540 201901237110540 0010 CS OFFL. SIR. GOPPL 2 0190123710540 201901237110540 0010 CS OFFL. SIR. GOPPL 2 01901237110540 201901237110540 0010 CS OFFL. SIR. GOPPL 2 01901237110540 201901237110540 0010 CS OFFL. SIR. GOPPL 2 01901237110540 20190123711050 0010 CS OFFL. SIR. GOPPL 2 01901237110500 20190123711050 0010 CS OFFL. SIR. GOPPL 2 01901237110500 20190123710500 0010 CS OFFL. SIR. GOPPL 2 0190123710500 20190123710500 0010 CS OFFL. SIR. GOPPL 2 019012371		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
Scotts (1997) 2.00		0 0	
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S. CPFL, SIR, COPM 2, 201601227104089, 2010 Sept. SIR, COPM 2, 201601227106124, 20160122710040, 2010 Sept. SIR, COPM 2, 201601227106709, 20160122710040, 2010 Sept. SIR, COPM 2, 2016012271106709, 201601227110650, 2010 Sept. SIR, COPM 2, 2016012271106709, 201601227110		0 0	records.
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SC_OFFL_SR_GOPM_2_20180123711028_020180123711929_001801237119239_00180123711923	CS_OFFL_SIR_GOPM_2_20180123T102142_20180123T102640_C001	Ice Backscatter Averaging Status	records.
So, OFFL_SIR_GOPM_2_20180123T1108_20180123T111805_C001 SS_OFFL_SIR_GOPM_2_20180123T114200_20180123T111805_C001 SS_OFFL_SIR_GOPM_2_20180123T114200_20180123T118055_C001 SS_OFFL_SIR_GOPM_2_20180123T1120044_20180123T1120555_C001 SS_OFFL_SIR_GOPM_2_20180123T120044_20180123T120555_C001 SS_OFFL_SIR_GOPM_2_20180123T120044_20180123T120555_C001 SS_OFFL_SIR_GOPM_2_20180123T120044_20180123T120555_C001 SS_OFFL_SIR_GOPM_2_20180123T120044_20180123T120555_C001 SS_OFFL_SIR_GOPM_2_20180123T120044_20180123T120555_C001 SS_OFFL_SIR_GOPM_2_20180123T120044_20180123T120555_C001 SS_OFFL_SIR_GOPM_2_20180123T120044_20180123T120555_C001 SS_OFFL_SIR_GOPM_2_20180123T13102180123T12055_C001 SS_OFFL_SIR_GOPM_2_20180123T13102180123T12055_C001 SS_OFFL_SIR_GOPM_2_20180123T1313_20180123T13205_C001 SS_OFFL_SIR_GOPM_2_20180123T1333446_C001 SS_OFFL_SIR_GOPM_2_20180123T1333446_C001 SS_OFFL_SIR_GOPM_2_20180123T130532_20180123T135466_C001 SS_OFFL_SIR_GOPM_2_20180123T130555_20180123T130546_C001 SS_OFFL_SIR_GOPM_2_20180123T130555_20180123T130546_C001 SS_OFFL_SIR_GOPM_2_20180123T130555_20180123T130546_C001 SS_OFFL_SIR_GOPM_2_20180123T130555_20180123T130546_C001 SS_OFFL_SIR_GOPM_2_20180123T130555_20180123T130546_C001 SS_OFFL_SIR_GOPM_2_20180123T130555_20180123T130565_C001 SS_OFFL_SIR_GOPM_2_20180123T130555_20180123T15000_C001 SS_OFFL_SIR_GOPM_2_20180123T130305_20180123T15000_C001 SS_OFFL_SIR_GOPM_2_20180123T130305_20180123T15000_C001 SS_OFFL_SIR_GOPM_2_20180123T130305_20180123T110500_C001 SS_OFFL_SIR_GOPM_2_20180123T130305_	CS_OFFL_SIR_GOPM_2_20180123T102700_20180123T103018_C001	Ice Backscatter Averaging Status	
CS_OFFL_SIR_GOPM_2_20180123111006_201801231110362_0001 SS_OFFL_SIR_GOPM_2_201801231112054_2018012311103582_0001 CS_OFFL_SIR_GOPM_2_20180123112054_201801231120551_0001 CS_OFFL_SIR_GOPM_2_20180123112054_201801231120551_0001 CS_OFFL_SIR_GOPM_2_20180123112054_201801231120551_0001 CS_OFFL_SIR_GOPM_2_20180123112054_201801231120551_0001 CS_OFFL_SIR_GOPM_2_20180123112054_2018012311205001 CS_OFFL_SIR_GOPM_2_20180123112054_2018012311205001 CS_OFFL_SIR_GOPM_2_20180123112054_2018012311205001 CS_OFFL_SIR_GOPM_2_201801231133098_201801231134349_0001 CS_OFFL_SIR_GOPM_2_2018012311300801231134349_0001 CS_OFFL_SIR_GOPM_2_201801231130001231132400001 CS_OFFL_SIR_GOPM_2_20180123113000123113400000000000000000000000	CS_OFFL_SIR_GOPM_2_20180123T103739_20180123T110854_C001		
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Synthesis Copen Co	CS_OFFL_SIR_GOPM_2_20180123T121532_20180123T122918_C001		The SWH and Ocean Averaging Status Flags have been set for one or
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CS_OFFL_SIR_GOPM_2_20180123T170356_20180123T170653_CO01 CS_OFFL_SIR_GOPM_2_20180123T171029_20180123T172120_CO01 CS_OFFL_SIR_GOPM_2_20180123T171029_20180123T172120_CO01 CS_OFFL_SIR_GOPM_2_20180123T172658_20180123T174340_CO01 CS_OFFL_SIR_GOPM_2_20180123T181218_20180123T181351_CO01 CS_OFFL_SIR_GOPM_2_20180123T181218_20180123T181351_CO01 CS_OFFL_SIR_GOPM_2_20180123T18128_20180123T181355_CO01 CS_OFFL_SIR_GOPM_2_20180123T182956_20180123T184353_CO01 CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_CO01 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_CO01 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_CO01 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_CO01 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_CO01 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T201520_CO01 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_CO01 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205566_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205566_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205566_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205566_C001 CS_OFFL_SIR_GOPM_2_20180123T2023750566_C001 CS_OFFL_SIR_GOPM_2_20180123T2023750566_C001 CS_OFFL_SIR_GOPM_2_20180123T20373720286_20180123T2050566_C001 CS_OFFL_SIR_GOPM_2_20180123T20373720286_20180123T205056_C001 CS_OFFL_SIR_GOPM_2_20180123T203734_20180123T205056_C001 CS_OFFL_	CS_OFFL_SIR_GOPM_2_20180123T163035_20180123T165628_C001		more records.
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CS_OFFL_SIR_GOPM_2_20180123T170292_0180123T174340_C001 Backscatter Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180123T182956_20180123T183557_C001 CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_C001 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205056_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205056_C001 SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The CS OFFL_SIR_GOPM_2_20180123T201734_20180123T205056_C001 SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The CS OFFL SIR_GOPM_2_20180123T20123T20123T20123T20123T20123T20123T20123T20123T	CS_OFFL_SIR_GOPM_2_20180123T170326_20180123T170653_C001		records.
Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180123T181218_20180123T181351_C001 CS_OFFL_SIR_GOPM_2_20180123T182956_20180123T183557_C001 CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T183557_C001 CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_C001 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205056_C001 SWH Averaging Status more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180123T171029_20180123T172120_C001		
CS_OFFL_SIR_GOPM_2_20180123T181218_20180123T181351_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180123T182956_20180123T183557_C001 CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_C001 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205056_C001 SWH Averaging Status, Ocean Backscatter Averaging Status SWH Averaging Status, Ocean Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The Index Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The Index Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Stat	CS_OFFL_SIR_GOPM_2_20180123T172658_20180123T174340_C001		
CS_OFFL_SIR_GOPM_2_20180123T182956_20180123T183557_C001 SWH Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_C001 Ice Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status, Ocean Backscatter Averaging Status CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 Ice Backscatter Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ince Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ince Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ince Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ince Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ince Backscatter Averaging Status Flags have been set for one or more records. SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180123T181218_20180123T181351_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_C001 CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205056_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T205056_C001 SWH Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records. The Ice Backscatter Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180123T182956_20180123T183557_C001	SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001 CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T202245_C001 SWH Averaging Status, Ocean Backscatter Averaging Status Ice Backscatter Averaging Status SWH Averaging Status The SWH and Ocean Averaging Status Flags have been set for one or more records. The log Backscatter Averaging Status Flag has been set for one or more records. The log Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Inserting Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180123T183805_20180123T184353_C001		The Ice Backscatter Averaging Status Flag has been set for one or more
CS_OFFL_SIR_GOPM_2_20180123T195856_20180123T201520_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T205056_C001 SWH Averaging Status, Ocean and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The Ice Backscatter Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or more records.	CS_OFFL_SIR_GOPM_2_20180123T184944_20180123T192240_C001		The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180123T201734_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T202245_C001 CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T202826_20180123T205056_C001 SWH Averaging Status, Ocean The loe Backscatter Averaging Status Flag has been set for one or more records. The SWH and Ocean Averaging Status Flags have been set for one or		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
CS_OFFL_SIR_GOPM_2_20180123T202826_20180123T205056_C001 SWH Averaging Status, Ocean The SWH and Ocean Averaging Status Flags have been set for one or			The Ice Backscatter Averaging Status Flag has been set for one or more
Backscatter Averaging Status more records.		SWH Averaging Status, Ocean	The SWH and Ocean Averaging Status Flags have been set for one or
		Backscatter Averaging Status	more records.

CS_OFFL_SIR_GOPM_2_20180123T205340_20180123T210259_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_20180123T211442_20180123T211515_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_20180123T213336_20180123T215308_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_20180123T220838_20180123T224031_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_20180123T225734_20180123T231639_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_20180123T231700_20180123T232953_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_20180123T234235_20180123T234557_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180123T101944_20180123T102142_C001	Ice Backscatter Averaging Status	The Ice Backscatter Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOPN_2_20180123T225244_20180123T225651_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_20180123T002235_20180123T002319_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_20180123T085319_20180123T085409_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_20180123T115839_20180123T115848_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_20180123T124940_20180123T125128_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_20180123T141631_20180123T141752_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_20180123T192647_20180123T193336_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_20180123T193846_20180123T193916_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_20180123T232953_20180123T233624_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

5.8 L2 Ocean Retracking Quality Check

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

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

Number of products with errors:

6. 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:

6.3 P2P Auxiliary Data File Usage Check

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

Number of products with errors:

6.4 P2P Auxiliary Correction Error Check

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

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_2_20180122T234141_20180123T003119_C002	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_2_20180123T003119_20180123T012054_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_20180123T120554_20180123T125529_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
	Ocean Range Averaging Status, Ice Range Averaging Status	The Ocean and Ice Range Averaging Status Flags have been set for one or more records.
	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_220180123T012054_20180123T021033_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
	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_20180123T030008_20180123T034947_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T034947_20180123T043922_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_220180123T043922_20180123T052900_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T052900_20180123T061835_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_20180123T061835_20180123T070814_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T070814_20180123T075749_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_220180123T075749_20180123T084727_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_220180123T084727_20180123T093702_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_220180123T093702_20180123T102641_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_220180123T102641_20180123T111616_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_20180123T111616_20180123T120554_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_220180123T120554_20180123T125529_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180123T125529_20180123T134508_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_220180123T134508_20180123T143443_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_20180123T143443_20180123T152422_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_220180123T152422_20180123T161357_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180123T161357_20180123T170335_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_220180123T170335_20180123T175310_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_220180123T175310_20180123T184249_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_220180123T184249_20180123T193224_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_220180123T193224_20180123T202202_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_220180123T202202_20180123T211137_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_220180123T211137_20180123T220116_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_220180123T220116_20180123T225051_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T225051_20180123T234029_C001	Ocean Range Averaging Status	The Ocean Range Averaging Status Flag has been set for one or more records.

6.7 P2P SWH and Backscatter Measurement Check

CryoSat P2P data includes a SWH Averaging Status flag and an Ocean and Ice Backscatter Averaging Status flag for each measurement record. The bit value of this flag indicates any problems when 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		Description
CS_OFFL_SIR_GOP_2_20180122T234141_20180123T003119_C002	Backscatter Averaging Status	The SWH, Ocean and Ice Averaging Status Flags have been set for one or more records.
CS_OFFL_SIR_GOP_2_20180123T003119_20180123T012054_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_20180123T012054_20180123T021033_C001	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_20180123T021033_20180123T030008_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_20180123T030008_20180123T034947_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_20180123T034947_20180123T043922_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_20180123T043922_20180123T052900_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_20180123T052900_20180123T061835_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_20180123T061835_20180123T070814_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_20180123T070814_20180123T075749_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_20180123T075749_20180123T084727_C001	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_20180123T084727_20180123T093702_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.

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CS_OFFL_SIR_GOP_2_20180123T093702_20180123T102641_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_20180123T102641_20180123T111616_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_20180123T111616_20180123T120554_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_20180123T120554_20180123T125529_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_20180123T125529_20180123T134508_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_20180123T134508_20180123T143443_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_20180123T143443_20180123T152422_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_20180123T152422_20180123T161357_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_20180123T161357_20180123T170335_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_20180123T170335_20180123T175310_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_20180123T175310_20180123T184249_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_20180123T184249_20180123T193224_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_20180123T193224_20180123T202202_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_20180123T202202_20180123T211137_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_20180123T211137_20180123T220116_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_20180123T220116_20180123T225051_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_220180123T225051_20180123T234029_C001	SWH Averaging Status, Ocean Backscatter Averaging Status	The SWH and Ocean Averaging Status Flags have been set for one or more records.

6.8 P2P Ocean Retracking Quality Check

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

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

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220180122T234141_20180123T003119_C002	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T003119_20180123T012054_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T012054_20180123T021033_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T021033_20180123T030008_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T030008_20180123T034947_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T034947_20180123T043922_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T052900_20180123T061835_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T061835_20180123T070814_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T070814_20180123T075749_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T075749_20180123T084727_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T084727_20180123T093702_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T093702_20180123T102641_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T102641_20180123T111616_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T111616_20180123T120554_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T120554_20180123T125529_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T125529_20180123T134508_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T134508_20180123T143443_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T161357_20180123T170335_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T170335_20180123T175310_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T175310_20180123T184249_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T184249_20180123T193224_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180123T193224_20180123T202202_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.

CS_OFFL_SIR_GOP_2_20180123T202202_20180123T211137_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20180123T220116_20180123T225051_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220180123T225051_20180123T234029_C001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag has been set for one or more records.