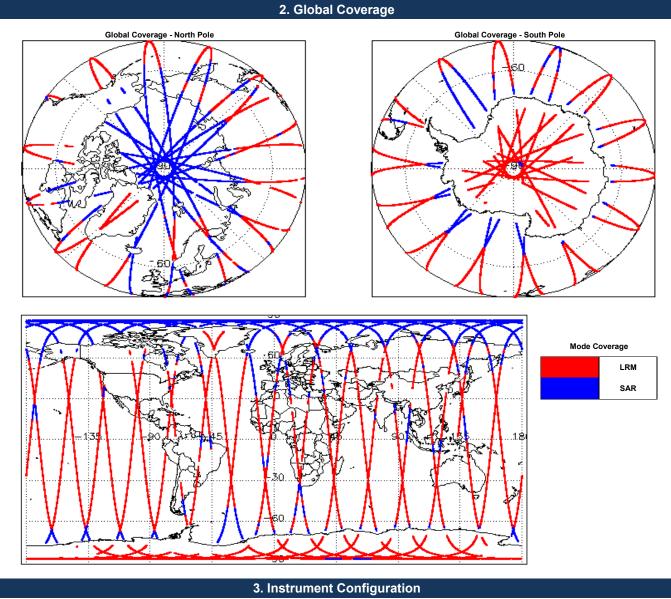


# IDEAS+ Daily Report for GOP data:

## <u>27/01/2016</u>

Report Production Date:	25-Feb-2016	Check	Status	
	20-Feb-2010	Server check: science-pds.cryosat.esa.int	Nominal	
Processor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal	
Processor Used:		Product Software Check	Nominal	
Data Used:	Geophysical Ocean Products (GOP)	Product Format Check	Nominal	
	L1B and L2 Science Data	Product Header Analysis	Nominal	
		Auxiliary Data File Usage Check	Nominal	
		Auxiliary Correction Error Check	See Section 5.4	
		Measurement Confidence Data Check	See Section 4.6, 5.6, 5.7 and 5.8	
lission / Instrument News				
26-Jan-2016 None				
27-Jan-2016 None				

28-Jan-20	16 No	thing planned
27-Jan-20	16 INC	ne



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 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. 0 Number of products with errors:

4.3 L1B Auxilary Data File Usage Check		
Each product is checked for missing Data Set Descriptors with respect to a pr	e-determined baseline and also to	o check the validity of Auxiliary Data Files is correct.
Number of products with errors: 0		
4.4 L1B Auxiliary Correction Error Check		
CryoSat L1B data includes a correction error flag (field 60) for each measurem	ent record. The bit value of this f	lag indicates any problems when set.
Number of products with errors: 0		
4.5 L1B Measurement Confidence Data Check		
CryoSat L1B data includes a measurement confidence flag (field 12) for each	measurement record. The bit valu	e of this flag indicates any problems when set.
Number of products with errors: 0		
4.6 L1B Waveform Group Data Check		
CryoSat L1B data includes a waveform data flag (field 65) for each measurem	ent record. The bit value of this fl	ag 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: 14		
Product	Test Failed	Description
CS_OFFL_SIR_GOP_1B_20160127T015610_20160127T015828_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T015834_20160127T015925_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T040446_20160127T040536_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T061820_20160127T062053_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T062053_20160127T065445_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T073719_20160127T073846_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T125750_20160127T131248_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T131249_20160127T131428_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T165415_20160127T165602_B001	Loss of Echo	The tracking echo is missing for one or more records
CS OFFL SIR GOP 1B 20160127T165622 20160127T170145 B001	Loss of Echo	The tracking echo is missing for one or more records

Product	Test Failed	Description
CS_OFFL_SIR_GOP_1B_20160127T015610_20160127T015828_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T015834_20160127T015925_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T040446_20160127T040536_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T061820_20160127T062053_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T062053_20160127T065445_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T073719_20160127T073846_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T125750_20160127T131248_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T131249_20160127T131428_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T165415_20160127T165602_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T165622_20160127T170145_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T182430_20160127T182627_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T183248_20160127T183344_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T183529_20160127T184325_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20160127T234732_20160128T000027_B001	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 product file (.DBL). 0 Number of products with errors:

### 5.2 L2 Product Header Analysis

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

#### 5.3 L2 Auxiliary Data File Usage Check

Each product is checked for missing Data Set Descriptors with respect to a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct. Wind Model File Usage: This file is currently not included in all L2 products.

Number of products with errors:

### 5.4 L2 Auxiliary Correction Error Check

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

0

Currently, there are two common auxiliary correction errors 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.

Sea State Bias Error: The error value is currently set for products over land and sea ice, but this is to be expected.

20

Altimetric Wind Speed Error: The error value is currently set for products over land and sea ice, but this is to be expected.

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220160127T000021_20160127T000232_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T034202_20160127T035035_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T043915_20160127T044028_B001	Fotal Geocentric Ocean Tide (FES), Non-	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T054009_20160127T060708_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220160127T062053_20160127T065445_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T111832_20160127T113620_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records

CS_OFFL_SIR_GOP_220160127T114101_20160127T114802_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220160127T115548_20160127T120239_B001	Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T131428_20160127T132930_B001	For the second s	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T133616_20160127T133702_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220160127T134806_20160127T134910_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	more records
CS_OFFL_SIR_GOP_220160127T135955_20160127T140435_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T182430_20160127T182627_B001	Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T183149_20160127T183230_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T183529_20160127T184325_B001	Fotal Geocentric Ocean Tide (FES), Non-	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T200646_20160127T200825_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T203755_20160127T210001_B001	Mean Sea Surface (1)	There is an error with the MSS height (solution 1) for one or more records
CS_OFFL_SIR_GOP_220160127T220610_20160127T223904_B001	Total Geocentric Ocean Tide (FES), Non- Equilibrium Long Period Ocean Tide	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records
CS_OFFL_SIR_GOP_220160127T225704_20160127T232729_B001	Mean Sea Surface (2)	There is an error with the MSS height (solution 2) for one or more records
CS_OFFL_SIR_GOP_220160127T233950_20160127T234115_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) and the Non-equilibrium Long Period Ocean Tide height for one or more records

### 5.5 L2 Measurement Confidence Data Check

CryoSat L2 data includes a measurement confidence flag (field 14) for each 20-Hz measurement record. The bit value of this flag indicates any problems when set. Number of products with errors: 0

#### 5.6 L2 Range Measurement Check

CryoSat L2 data includes an Ocean (field 25) and Ice (field 30) 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. 31

#### Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_2_20160127T011053_20160127T011558_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T011558_20160127T011604_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T011605_20160127T011616_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T011622_20160127T011738_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T025042_20160127T025514_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T025536_20160127T025708_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T042909_20160127T043415_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T043418_20160127T043428_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T043434_20160127T043759_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T060853_20160127T061329_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T061332_20160127T061704_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T074834_20160127T075354_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T092905_20160127T093254_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T111006_20160127T111159_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T111458_20160127T111630_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T120401_20160127T120749_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T124853_20160127T125113_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T125147_20160127T125608_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T142640_20160127T143517_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T160555_20160127T160743_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T160841_20160127T161315_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220160127T174758_20160127T175350_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T192705_20160127T193221_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T210548_20160127T210706_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T210706_20160127T210713_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T210714_20160127T211120_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T224050_20160127T224604_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T224605_20160127T224610_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T224610_20160127T224617_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_2_20160127T224624_20160127T224913_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220160127T232908_20160127T233259_B001	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

#### 5.7 L2 SWH and Backscatter Measurement Check

CryoSat L2 data includes a SWH Averaging Status flag (field 49) and an Ocean (field 55) and Ice (field 61) 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. 27

#### Number of products with errors:

CS_OFFL_SIR_GOP_2_20160127T011053_20160127T011558_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T011605_20160127T011616_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T011602_20160127T011616_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T011622_20160127T011738_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T025042_20160127T025514_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T025536_20160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T042599_20160127T0425708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T042599_20160127T0425708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or intecords.   CS_OFFL_SIR_GOP_2_20160127T042599_20160127T043415_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one	more more more more
CS_OFFL_SIR_GOP_220160127T011605_20160127T011738_B001 Ice Backscatter Averaging Status records.   CS_OFFL_SIR_GOP_220160127T011622_20160127T011738_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.   CS_OFFL_SIR_GOP_220160127T025042_20160127T025514_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.   CS_OFFL_SIR_GOP_220160127T025536_20160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.   CS_OFFL_SIR_GOP_220160127T025536_20160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.   CS_OFFL_SIR_GOP_220160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more more more more
CS_OFFL_SIR_GOP_2_201601271025042_201601271025514_B001 Ice Backscatter Averaging Status records.   CS_OFFL_SIR_GOP_2_20160127T025536_20160127T0255708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or i records.   CS_OFFL_SIR_GOP_2_20160127T025536_20160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or i records.   CS_OFFL_SIR_GOP_2_20160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or i records.	more more more
CS_OFFL_SIR_GOP_220160127T025536_20160127T0255708_B001 Ice Backscatter Averaging Status records.   CS_OFFL_SIR_GOP_220160127T025536_20160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status   CS_OFFL_SIR_GOP_220160127T025536_20160127T025708_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status	more more
CS_OFFL_SIR_GOP_2201601271025356_201601271025708_6001 lice Backscatter Averaging Status records. The loce Backscatter Averaging Status Flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set for one or in the loce Backscatter Averaging Status flag has been set f	more
US OFFLISIR GOP Z. ZU1601271042909 ZU1601271043415 BO01 ICE Backscatter Averaging Status	
CS_OFFL_SIR_GOP_2_20160127T043434_20160127T043759_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T060853_20160127T061329_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T061332_20160127T061704_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or incords.	more
CS_OFFL_SIR_GOP_2_20160127T074834_20160127T075354_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or incords.	more
CS_OFFL_SIR_GOP_2_20160127T092905_20160127T093254_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T111006_20160127T111159_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or in records.	more
CS_OFFL_SIR_GOP_2_20160127T111458_20160127T111630_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or incords.	more
CS_OFFL_SIR_GOP_2_20160127T124853_20160127T125113_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or incords.	more
CS_OFFL_SIR_GOP_2_20160127T125147_20160127T125608_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or in records.	more
CS_OFFL_SIR_GOP_2_20160127T142640_20160127T143517_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or in records.	more
CS_OFFL_SIR_GOP_2_20160127T160555_20160127T160743_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or incords.	more
CS_OFFL_SIR_GOP_2_20160127T160841_20160127T161315_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or incords.	more
CS_OFFL_SIR_GOP_2_20160127T174758_20160127T175350_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or in records.	more
CS_OFFL_SIR_GOP_2_20160127T192705_20160127T193221_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or in records.	more
CS_OFFL_SIR_GOP_2_20160127T210548_20160127T210706_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T210706_20160127T210713_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T224050_20160127T224604_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or in records.	more
CS_OFFL_SIR_GOP_2_20160127T224605_20160127T224610_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T224610_20160127T224617_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T224624_20160127T224913_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more
CS_OFFL_SIR_GOP_2_20160127T232908_20160127T233259_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or records.	more

### 5.8 L2 Ocean Retracking Quality Check

CryoSat L2 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. 150 Number of products with errors: