

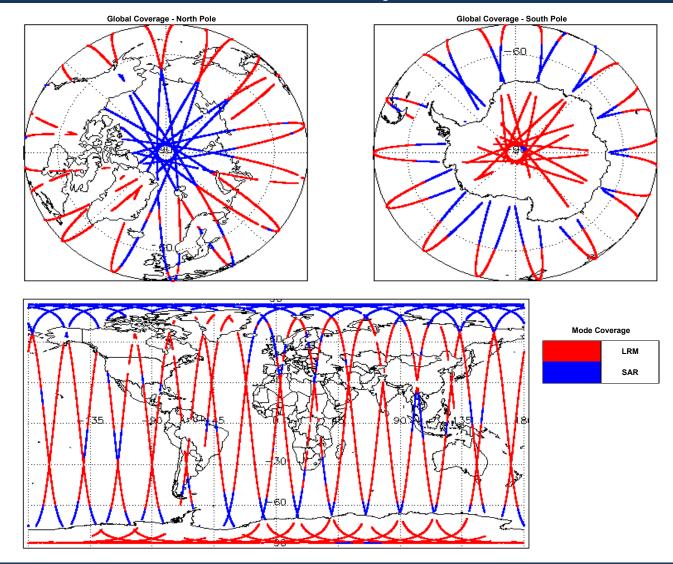
IDEAS+ Daily Report for GOP data:

01/10/2016

Report Production Date:	31-Oct-2016	Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
Processor Used:	CryoSat Ocean Processor	Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
Data Used:	Geophysical Ocean Products (GOP) L1B and L2 Science Data	Product Format Check	Nominal
		Product Header Analysis	Nominal
		Auxiliary Data File Usage Check	Nominal
		Auxiliary Correction Error Check	See Section 5.4
		Measurement Confidence Data Check	See Section 4.5, 4.6, 5.5, 5.6, 5.7 and 5.8

01-Oct-2016 None 02-Oct-2016 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 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 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 (field 60) 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 (field 12) for each 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_1B_20161001T034854_20161001T035249_B001	Power scaling error	There is an error in the scaling of the L1B waveform for one or more records
CS_OFFL_SIR_GOP_1B_20161001T064559_20161001T064918_B001	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 (field 65) 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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_1B_20161001T002839_20161001T004531_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T015611_20161001T020231_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T033754_20161001T034208_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T050922_20161001T051617_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T061522_20161001T061745_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T064216_20161001T064311_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T065311_20161001T065451_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T065549_20161001T070336_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T082626_20161001T083217_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T091915_20161001T092125_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T093254_20161001T093659_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T132549_20161001T132809_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T143232_20161001T145804_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T151146_20161001T151702_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T163737_20161001T163932_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T165756_20161001T170851_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T170853_20161001T173445_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T205215_20161001T205621_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T210932_20161001T214211_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T214220_20161001T214545_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T220351_20161001T223008_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_GOP_1B_20161001T223008_20161001T223707_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). Number of products with errors: 0

5.2 L2 Product Header Analysis

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

5.3 L2 Auxiliary Data File Usage Check

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

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.

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

Product		Description
CS_OFFL_SIR_GOP_220161001T013318_20161001T014208_B001	Total 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_220161001T015611_20161001T020231_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_220161001T033311_20161001T033613_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_220161001T064918_20161001T065015_B001	Fouilibrium 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_220161001T083553_20161001T084414_B001	Total 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_220161001T104423_20161001T105829_B001	Total Geocentric Ocean Tide (FES)	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220161001T121050_20161001T122100_B001	Total 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_220161001T133325_20161001T134032_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_220161001T143232_20161001T145804_B001	Total 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_220161001T151729_20161001T151917_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_220161001T163932_20161001T163954_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220161001T184536_20161001T184651_B001	Total Geocentric Ocean Tide (FES)	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220161001T184651_20161001T184722_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220161001T210932_20161001T214211_B001		There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_GOP_220161001T224940_20161001T230414_B001	For the second the second trace (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_220161001T235441_20161001T235654_B001		There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT and solution 2: FES)

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:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220161001T034854_20161001T035249_B001	Power scaling error	There is an error in the scaling of the L2 waveform for one or more records
CS_OFFL_SIR_GOP_220161001T064559_20161001T064918_B001	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 (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.

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Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_GOP_220161001T002422_20161001T002607_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T010851_20161001T011147_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T011156_20161001T011628_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T024658_20161001T025527_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T033632_20161001T033640_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T042623_20161001T042748_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T042910_20161001T043327_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T060822_20161001T061407_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T074726_20161001T075238_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T092528_20161001T092726_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T092732_20161001T093147_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T101302_20161001T101404_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T110103_20161001T110624_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T110630_20161001T110637_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T110637_20161001T110643_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_GOP_220161001T110643_20161001T110854_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T124535_20161001T124541_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T124542_20161001T124553_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T124559_20161001T124717_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T142007_20161001T142451_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T142513_20161001T142633_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T155955_20161001T160350_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T160411_20161001T160736_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T165756_20161001T170851_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T173819_20161001T174304_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T174309_20161001T174640_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T191808_20161001T192332_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T205736_20161001T210230_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T215845_20161001T220351_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_GOP_220161001T223943_20161001T224135_B001	Ice Range Averaging Status	The Ice 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 (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. 25

Number of products with errors:

CS_OFFL_SIR_GOP_2_20161001T010851_20161001T011147_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T011156_20161001T011628_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T024658_20161001T025527_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T033632_20161001T033640_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records. CS_OFFL_SIR_GOP_2_20161001T042910_20161001T043327_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records.	one or more one or more one or more one or more
CS_OFFL_SIR_GOP_2_20161001T0124658_20161001T0125527_B001 Ice Backscatter Averaging Status records. CS_OFFL_SIR_GOP_2_20161001T024658_20161001T025527_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records. CS_OFFL_SIR_GOP_2_20161001T033632_20161001T033640_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records. CS_OFFL_SIR_GOP_2_20161001T042610_20161001T043327_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records.	one or more one or more one or more
CS_OFFL_SIR_GOP_2_201610011024658_201610011025527_B001 Ice Backscatter Averaging Status records. CS_OFFL_SIR_GOP_2_201610011033632_201610011033640_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status CS_OFFL_SIR_GOP_2_201610011042633_201610011042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status CS_OFFL_SIR_GOP_2_201610011042633_201610011042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records. CS_OFFL_SIR_GOP_2_201610011042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records.	one or more
CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status records. CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status CS_OFFL_SIR_GOP_2_20161001T042623_20161001T042748_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status	one or more
CS_OFFL_SIR_GOP_2_201610011042023_201610011042/48_B001 Ice Backscatter Averaging Status records.	
CS_OFFL_SIR_GOF_ZZ01010011042910_201010011043527_D001 ICE Backscatter Averaging Status records.	one or more
CS_OFFL_SIR_GOP_2_20161001T060822_20161001T061407_B001 Ice Backscatter Averaging Status Ice Backscatter Ice Backscatter Ic	one or more
CS_OFFL_SIR_GOP_2_20161001T092528_20161001T092726_B001 Ice Backscatter Averaging Status Flag has been set for or records.	one or more
CS_OFFL_SIR_GOP_2_20161001T092732_20161001T093147_B001 Ice Backscatter Averaging Status Ice Backscatter Ice Backscatter Ic	one or more
CS_OFFL_SIR_GOP_2_20161001T101302_20161001T101404_B001 Ice Backscatter Averaging Status Flag has been set for or records.	one or more
CS_OFFL_SIR_GOP_2_20161001T110103_20161001T110624_B001 Ice Backscatter Averaging Status I The Ice Backscatter Averaging Status Flag has been set for or records.	one or more
CS_OFFL_SIR_GOP_2_20161001T110637_20161001T110643_B001 Ice Backscatter Averaging Status Ice Backscatter Averaging Status Flag has been set for crecords.	one or more
CS_OFFL_SIR_GOP_2_20161001T110643_20161001T110854_B001 Ice Backscatter Averaging Status Ire Backscatter Averaging Status Ire Cords.	one or more
CS_OFFL_SIR_GOP_2_20161001T124535_20161001T124541_B001 Ice Backscatter Averaging Status Ice Backscatter Averaging Status Flag has been set for or records.	one or more
CS_OFFL_SIR_GOP_2_20161001T124559_20161001T124717_B001 Ice Backscatter Averaging Status I The Ice Backscatter Averaging Status Flag has been set for a records.	one or more
CS_OFFL_SIR_GOP_2_20161001T142007_20161001T142451_B001 Ice Backscatter Averaging Status Ice Backscatter Averaging Status Flag has been set for a records.	one or more
CS_OFFL_SIR_GOP_2_20161001T142513_20161001T142633_B001 Ice Backscatter Averaging Status Ice Backscatter Averaging Status Flag has been set for a records.	one or more
CS_OFFL_SIR_GOP_2_20161001T155955_20161001T160350_B001 Ice Backscatter Averaging Status I The Ice Backscatter Averaging Status Flag has been set for a records.	one or more
CS_OFFL_SIR_GOP_2_20161001T160411_20161001T160736_B001 Ice Backscatter Averaging Status Ire Backscatter Averaging Status Ire Cords.	one or more
CS_OFFL_SIR_GOP_2_20161001T173819_20161001T174304_B001 Ice Backscatter Averaging Status Ice Backscatter Averaging Ice Backscat	one or more
CS_OFFL_SIR_GOP_2_20161001T174309_20161001T174640_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for or records.	one or more
CS_OFFL_SIR_GOP_2_20161001T191808_20161001T192332_B001 Ice Backscatter Averaging Status I The Ice Backscatter Averaging Status Flag has been set for a records.	one or more
CS_OFFL_SIR_GOP_2_20161001T205736_20161001T210230_B001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for a records.	one or more
CS_OFFL_SIR_GOP_2_20161001T215845_20161001T220351_B001 Ice Backscatter Averaging Status Ice Backscatter Averaging Ice Backscat	one or more
CS_OFFL_SIR_GOP_2_20161001T223943_20161001T224135_B001 Ice Backscatter Averaging Status Ire Backscatter Averaging Status Flag has been set for or records.	one or 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.

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

Number of products with errors: