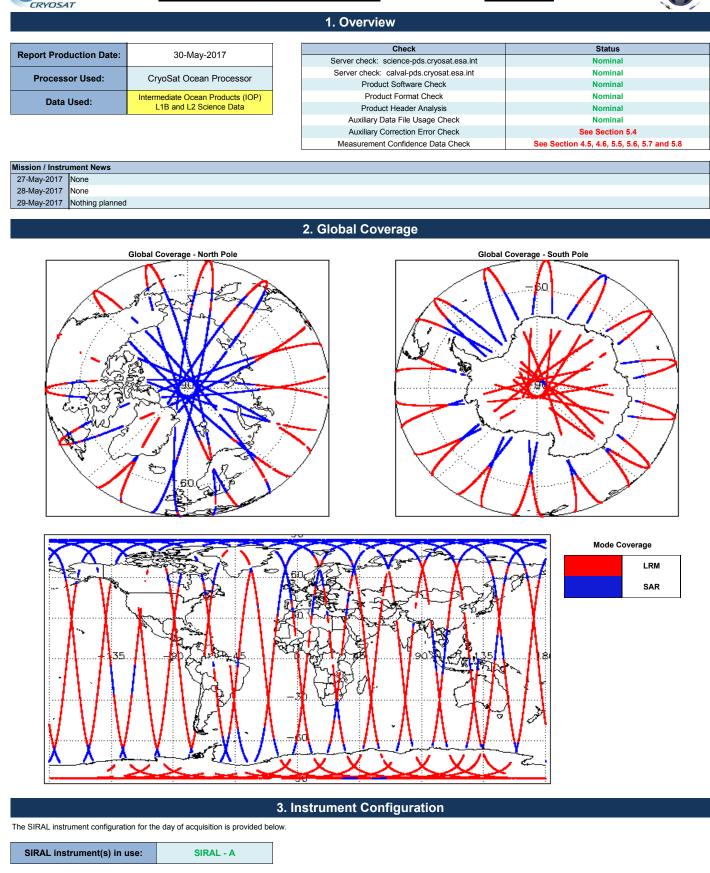


IDEAS+ Daily Report for IOP data:

28/05/2017





4. IOP Level 1B Data Quality Check

4.1 L1B Product Format Check

Each product, retrieved and unpacked from the science server, is checked to ensure it consists of both an XML header file (.HDR) and a binary product file (.DBL). Number of products with errors: 0

4.2 L1B Product Header Analysis

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

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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	sheck 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 measurer	nent record. The bit value of this flag	g 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 value	of this flag indicates any problems when set.
Number of products with errors: 1		
Product	Test Failed	Description
CS_OFFL_SIR_IOP_1B_20170528T021245_20170528T024608_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 measurem	ent record. The bit value of this flag	j indicates any problems when set.
Loss of Echo Flag: This flag is currently set for products over land, but this is	s to be expected.	
Number of products with errors: 12		
Product	Test Failed	Description

Product	Test Failed	Description
CS_OFFL_SIR_IOP_1B_20170528T013514_20170528T014401_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T035037_20170528T035149_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T060901_20170528T061633_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T084656_20170528T084954_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T122618_20170528T123541_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T191209_20170528T191250_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T192413_20170528T193300_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T205206_20170528T205238_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T205419_20170528T210149_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T210201_20170528T210417_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T210540_20170528T211300_B001	Loss of Echo	The tracking echo is missing for one or more records
CS_OFFL_SIR_IOP_1B_20170528T225413_20170528T225548_B001	Loss of Echo	The tracking echo is missing for one or more records

5. IOP Level 2 Data Quality Check

5.1 L2 Product Format Check

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

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).

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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.

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: 19

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220170528T010726_20170528T010846_B001	Fauilibrium 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_IOP_220170528T013514_20170528T014401_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_IOP_220170528T024608_20170528T024812_B001	Lotal Geocentric Ocean Lide (EES)	There is an error with the Total Geocentric Ocean Tide height (solution 2: FES) for one or more records
CS_OFFL_SIR_IOP_220170528T025853_20170528T030013_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_IOP_220170528T061658_20170528T062154_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_IOP_220170528T062547_20170528T062745_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_IOP_220170528T062955_20170528T063807_B001	Total Geocentric Ocean Tide (GOT)	There is an error with the Total Geocentric Ocean Tide height (solution 1: GOT) for one or more records
CS_OFFL_SIR_IOP_220170528T084954_20170528T092400_B001	Geoid Height	There is an error with the Geoid height for one or more records
CS_OFFL_SIR_IOP_220170528T095336_20170528T101114_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_IOP_220170528T105149_20170528T105950_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_IOP_220170528T110624_20170528T110742_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_IOP_220170528T122618_20170528T123540_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_IOP_220170528T130216_20170528T131441_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_IOP_220170528T142527_20170528T143157_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_IOP_220170528T152818_20170528T155232_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_IOP_220170528T191800_20170528T192112_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_IOP_220170528T193725_20170528T201045_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_IOP_220170528T211352_20170528T211530_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_IOP_220170528T231235_20170528T232839_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

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: 1

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CS_OFFL_SIR_IOP_2__20170528T021245_20170528T024608_B001

Test Failed

Power scaling error

Description

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. 32

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_IOP_220170528T002636_20170528T002643_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T002643_20170528T002650_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T002650_20170528T002656_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T002715_20170528T002838_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T020052_20170528T020547_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T020547_20170528T020554_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T020612_20170528T020621_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T020628_20170528T020736_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T034134_20170528T034503_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T034511_20170528T034519_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T034526_20170528T034853_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T051916_20170528T052417_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T052424_20170528T052752_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T065914_20170528T070448_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T083835_20170528T084344_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T102048_20170528T102247_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T115956_20170528T120157_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T120302_20170528T120659_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T125350_20170528T125457_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T133800_20170528T134601_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T151635_20170528T151844_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.

CS_OFFL_SIR_IOP_220170528T151911_20170528T152446_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T165556_20170528T165704_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T165844_20170528T170324_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T170406_20170528T170441_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T183754_20170528T184326_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T201657_20170528T202209_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T215303_20170528T215655_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T215714_20170528T220110_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T233600_20170528T233607_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T233607_20170528T233613_B001	Ice Range Averaging Status	The Ice Range Averaging Status Flag has been set for one or more records.
CS_OFFL_SIR_IOP_220170528T233613_20170528T233811_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_IOP_2_20170528702043_20170528702047_8001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more code. CS_OFFL_SIR_IOP_2_201705287020612_20170528702061_8001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more code. CS_OFFL_SIR_IOP_2_20170528702062_8007058_8001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more code. CS_OFFL_SIR_IOP_2_20170528703063_8001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more code. CS_OFFL_SIR_IOP_2_20170528703478_80170528703463_8001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more recode. CS_OFFL_SIR_IOP_2_20170528703478_0170528703471_8001 Ice Backscatter Averaging Status The Ice Backscatter Averaging Status Flag has been set for one or more recode. CS_OFFL_SIR_IOP_2_20170528703474_00170448_8001 Ice Backscatter Averaging Status Flag has been set for one or more recode. The Ice Backscatter Averaging Status Flag has been set for one or more recode. CS_OFFL_SIR_IOP_2_201705287103444_8001 Ice Backscatter Averaging Status Flag has been set for one or more recode. The Ice Backscatter Averaging Status Flag has been set for one or more recode. CS_OFFL_SIR_IOP_2_201705287103444_8001 Ice Backscatter Averaging Status Flag has been set fo	Product	Test Failed	Description
Calify	CS_OFFL_SIR_IOP_220170528T002643_20170528T002650_B001	Ice Backscatter Averaging Status	
Cal_DFT_L_SIR_LOP201705281020058_001705281020058_001705281020058_001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP201705281020058_001705281020058_001705281020058_001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP201705281020058_001705281004503_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP201705281034528_201705281054528_001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528105424_201705281052472_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528105424_201705281054724_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528105424_201705281065914_201705281005474_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528102048_201705281102247_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_01705281102048_20170528112057_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528112055_20170528112055_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528112055_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528112055_D170528112655_B001Ice Backscatter Averaging StatusThe (ce Backscatter Averaging StatusC3_OFFL_SIR_LOP_2_0170528112655_D017052811544_B001Ice Backscatter Averaging StatusThe (ce Backscatter Avera	CS_OFFL_SIR_IOP_220170528T020052_20170528T020547_B001	Ice Backscatter Averaging Status	
CS_DFFL_SIR_0P_2_20170528103403_0170528103403_B001Ine Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_20170528103463_0170528103463_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_20170528103463_0170528103463_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_20170528105412_01705281052417_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_20170528105414_20170528105414_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_20170528102448_20170528102448_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_201705281102448_20170528110247_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_201705281120302_201705281120559_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_201705281123050_201705281124567_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_201705281123050_20170528112467_B001ice Backstater Averaging StatusThe loc Backstater Averaging Status Flag has been set for one or more records.CS_OFFL_SIR_0P_2_2017052811	CS_OFFL_SIR_IOP_220170528T020612_20170528T020621_B001	Ice Backscatter Averaging Status	
Cis_OFFL_SiR_IOP_2_20170528104343_20170528103483_B001 Ice Backscatter Averaging Status records. CS_OFFL_SIR_IOP_2_20170528103492_20170528103483_B001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20170528105242_201705281052752_B001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20170528105242_201705281052752_B001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20170528105241_2017052810247_B001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20170528110247_B001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201705281102302_20170528112057_B001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_201705281120302_201705281120457_B001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records. CS_OFFL_SIR_IOP_2_20170528115340_D1001 Ice Backscatter Averaging Status The loe Backscatter Averaging Status Flag has been set for one or more records.	CS_OFFL_SIR_IOP_220170528T020628_20170528T020736_B001	Ice Backscatter Averaging Status	
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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. Number of products with errors: 138

6. IOP QCC Report Analysis

The Quality Control for CryoSat (QCC) facility performs a primary survey of data products immediately after production by the PDS and LTA processing facilities. A list of the tests which raised errors or warnings is provided below.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR_IOP_1B	251	251	251	0	0
SIR_IOP_2	247	247	247	0	0
6.1 QCC Errors					
Number of QCC reports with errors:	0				
6.2 QCC Warnings					
Number of QCC reports with warnings	0				
6.3 Missing QCC Reports					
lumber of products with missing QCC r	reports: 0				
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