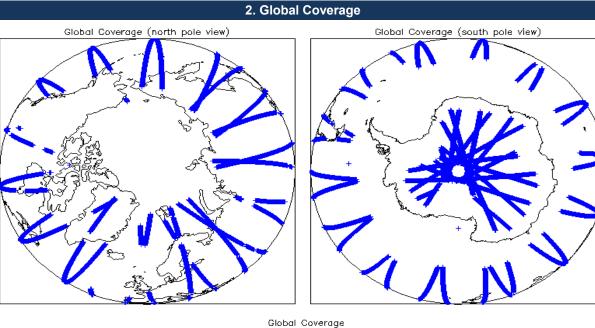


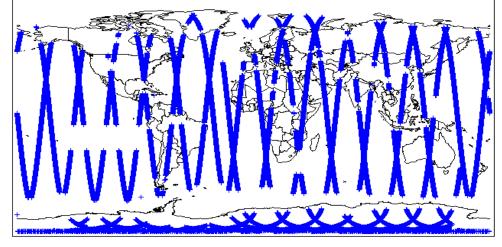
IDEAS+ Daily Report for NRT data:

27/08/2014

Service And Strategy Deter	28-Aug-2014	Check	Status	
Report Production Date:		Server check: science-pds.cryosat.esa.int	Nominal	
Deta Usedi	L1 and L2 Fast Delivery Marine Mode	Server check: calval-pds.cryosat.esa.int	Nominal	
Data Used:	(FDM), and CAL Data	Product Software Check	Nominal	
		Product Format Check	Nominal	
		Product Header Analysis	Nominal	
		Auxiliary Data File Usage	Nominal	
		Correction Error Flags	Nominal	
		Measurement Confidence Flags	See Sections 5.5, 6.5, 6.6, 6.7 and 6.8	

Mission / Instrument News					
26-Aug-2014	L0 LRM data missing on 26-August-2014 from 10:11:35 to 12:10:21 due to planned MMFU test operations.				
27-Aug-2014	None				
28-Aug-2014	Nothing planned				





3. Instrument Configuration

The SIRAL instrument configuration for the day of acquisition is provided below.

SIRAL instrument(s) in use:	SIRAL - A
Star Tracker(s) in use:	Star Tracker 1 & 2

4. Level 1B Calibration Data Quality Check

4.1 L1 CAL 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:

4.2 L1 CAL Product Header Analysis

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

0

4.3 L1 CAL Auxiliary Data File Usage Check					
Each product is checked for missing Data Set Descriptors wrt a pre-determined baseline and also to check the validity of Auxiliary Data Files is correct.					
Number of products with errors: 0					
A 414 OAL Management Operfidence Flags					
4.4 L1 CAL Measurement Confidence Flags					
CryoSat Cal1 and Cal2 data includes a measurement confidence flag word (field 1	1) for each measurement record. The bit va	alue of this flag indicates any problems when set.			
Number of products with errors: 0					
5. Leve	I 1B FDM Data Quality Cl	neck			
5.1 L1B FDM Product Format Check					
Each product, retrieved and unpacked from the science server, is checked to ensu	ure it consists of both an XIVIL header file (.)	HDR) and a binary product file (.DBL).			
Number of products with errors: 0					
5.2 L1B FDM Product Header Analysis					
For all products, a series of pre-defined checks are carried out on the MPH and SI	PH in order to identify any inconsistencies a	and/or errors raised by the ground-segment processing chain.			
Number of products with errors: 0					
5 3 L 1B EDM Auxilary Data File Usage Check					
5.3 L1B FDM Auxilary Data File Usage Check					
Each product is checked for missing Data Set Descriptors wrt a pre-determined ba	aseline and also to check the validity of Aux	iliary Data Files is correct.			
Number of products with errors: 0					
5.4 L1B Correction Error Flags					
Each product is checked to detect auxiliary corrections flagged by the ground-stati	ion processing chain as missing or containir	na errors.			
Number of products with errors: 0					
5.5 L1B FDM Measurement Confidence Flags					
		flag indicates on unreblame when eat			
CryoSat L1B data includes a measurement confidence flag word (field 14) for each	n measurement record. The bit value of this	hag indicates any problems when set.			
CryoSat L1B data includes a measurement confidence flag word (field 14) for each Number of products with errors: 7	n measurement record. The bit value of this	hag indicates any problems when set.			
	Test Failed	Description			
Number of products with errors: 7					
Number of products with errors: 7 Product	Test Failed	Description			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001	Test Failed Attitude correction missing	Description The attitude has not been corrected			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T025830_B001 CS_OFFL_SIR_FDM_1B_20140827T020226_20140827T021617_B001	Test Failed Attitude correction missing Echo error	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo			
Number of products with errors: 7 Product 7 CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 6 CS_OFFL_SIR_FDM_1B_20140827T020226_20140827T021617_B001 6 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 6	Test Failed Attitude correction missing Echo error Echo error	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected			
Number of products with errors: 7 Product	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing Attitude correction missing	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected The attitude has not been corrected			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T101307_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T1790456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T1204127_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected			
Number of products with errors: 7 Product	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing Attitude correction missing Attitude correction missing	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected			
Number of products with errors: 7 Product	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing Bell 2 FDM Data Quality Ch	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Eck			
Number of products with errors: 7 Product	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing Bell 2 FDM Data Quality Ch	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Eck			
Number of products with errors: 7 Product	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing Bell 2 FDM Data Quality Ch	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Eck			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T10307_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T1720506_B001 CS_OFFL_SIR_FDM_1B_20140827T190456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T16000000000000000000000000000000000000	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing Bell 2 FDM Data Quality Ch	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Eck			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T1720326_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T203209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T16014082771601408277160140827716014080771601408077160140807716000000000000000000000000000000000	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing el 2 FDM Data Quality Ch ure it consists of both an XML header file (.1)	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected HDR) and a binary product file (.DBL)			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T190456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_S001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_S001 SINU	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing el 2 FDM Data Quality Ch ure it consists of both an XML header file (.if PH in order to identify any inconsistencies a DM products (Product_Err and L2_Proc_Flaare set by the FDM processor when an error	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Phe attitude has not been corrected The attitude has not been corrected HDR) and a binary product file (.DBL) und/or errors raised by the processing chain. g). These flags are set within L2 Header files (MPH field #19 and SPH field or is detected during the L2 processing and also when the percentage of			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T1020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T190456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T204256 CS_OFFL_SIR_FDM_1B_20140827T204256 CS_OFFL_SIR_FDM_1B_20140827T204256 CS_OFFL_SIR_FDM_1B_20140827T204256 CS_OFFL_SIR_FDM_1B_20140827T204256 CS_OFFL_SIR_FDM_1B_20140827T204256 CS_OFFL_SIR_FDM_1B_20140827T204256 CS_OFFL_SIR_F	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing el 2 FDM Data Quality Ch ure it consists of both an XML header file (.if PH in order to identify any inconsistencies a DM products (Product_Err and L2_Proc_Flaare set by the FDM processor when an error	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Phe attitude has not been corrected The attitude has not been corrected HDR) and a binary product file (.DBL) und/or errors raised by the processing chain. g). These flags are set within L2 Header files (MPH field #19 and SPH field or is detected during the L2 processing and also when the percentage of			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T1020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T1720456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T203209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T17287_20140827T17287_20140827T17287_20140827T17287_20140827T17287_20140827T17287_20140827T17287_20140827T17287_20140827T17287_20140827717287_2014303000000000000000000000000000000000	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing el 2 FDM Data Quality Ch ure it consists of both an XML header file (.if PH in order to identify any inconsistencies a DM products (Product_Err and L2_Proc_Flaare set by the FDM processor when an error	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Phe attitude has not been corrected The attitude has not been corrected HDR) and a binary product file (.DBL) und/or errors raised by the processing chain. g). These flags are set within L2 Header files (MPH field #19 and SPH field or is detected during the L2 processing and also when the percentage of			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T1020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172657_B001 CS_OFFL_SIR_FDM_1B_20140827T1720456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T204258 CS_OFFL_SIR_FDM_1B_20140827T204258 CS_OFFL_SIR_FDM_1B_20140827T204258 CS_OFFL_SIR_FDM_1B_20140827T204258 CS_OFFL_SIR_FDM_1B_20140827T2041282 CS_OFFL_SIR_FDM_1B_20140827T2041282	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing el 2 FDM Data Quality Ch ure it consists of both an XML header file (.if PH in order to identify any inconsistencies a DM products (Product_Err and L2_Proc_Flaare set by the FDM processor when an error	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Phe attitude has not been corrected The attitude has not been corrected HDR) and a binary product file (.DBL) und/or errors raised by the processing chain. g). These flags are set within L2 Header files (MPH field #19 and SPH field or is detected during the L2 processing and also when the percentage of			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T1020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T170838_20140827T170506_B001 CS_OFFL_SIR_FDM_1B_20140827T1090456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140827T07232709 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140827T172372041725 CS_OFFL_SIR_FDM_1B_2014071720140111000000000000000000000000	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing et 2 FDM Data Quality Ch ure it consists of both an XML header file (.1 PH in order to identify any inconsistencies a DM products (Product_Err and L2_Proc_Fla are set by the FDM processor when an error shold set within the processor (currently set	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Poet HDR) and a binary product file (.DBL) Ind/or errors raised by the processing chain. g). These flags are set within L2 Header files (MPH field #19 and SPH field or is detected during the L2 processing and also when the percentage of to 5%).			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T1020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T1790456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T1204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_Product Format Check C C State products, retrieved and unpacked from the science server, is checked to ensult Number of products with errors: 0 Currently there is a high number of processing error flags set within the Level 2 FDE 429) and also within the L2 Product files (MPH field #35 and SPH field #33). They Data Set Records free of processing errors is below the minimum acceptable three 5105 i	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing et 2 FDM Data Quality Ch ure it consists of both an XML header file (.1 PH in order to identify any inconsistencies a DM products (Product_Err and L2_Proc_Fla are set by the FDM processor when an error shold set within the processor (currently set	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Phe attitude has not been corrected The attitude has not been corrected Box (MP) and a binary product file (.DBL) Ind/or errors raised by the processing chain. Ig). These flags are set within L2 Header files (MPH field #19 and SPH field or is detected during the L2 processing and also when the percentage of to 5%).			
Number of products with errors: 7 Product CS_OFFL_SIR_FDM_1B_20140827T005715_20140827T005830_B001 CS_OFFL_SIR_FDM_1B_20140827T1020226_20140827T021617_B001 CS_OFFL_SIR_FDM_1B_20140827T160717_20140827T161307_B001 CS_OFFL_SIR_FDM_1B_20140827T172838_20140827T172857_B001 CS_OFFL_SIR_FDM_1B_20140827T170838_20140827T170506_B001 CS_OFFL_SIR_FDM_1B_20140827T1090456_20140827T190506_B001 CS_OFFL_SIR_FDM_1B_20140827T204127_20140827T204256_B001 CS_OFFL_SIR_FDM_1B_20140827T233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140828T000505_B001 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140827T07232709 CS_OFFL_SIR_FDM_1B_20140827T17233209_20140827T172372041725 CS_OFFL_SIR_FDM_1B_2014071720140111000000000000000000000000	Test Failed Attitude correction missing Echo error Echo error Attitude correction missing et 2 FDM Data Quality Ch ure it consists of both an XML header file (.1 PH in order to identify any inconsistencies a DM products (Product_Err and L2_Proc_Fla are set by the FDM processor when an error shold set within the processor (currently set	Description The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw echo The Echo Rx1 Error flag is set, indicating a degraded raw echo The attitude has not been corrected Phe attitude has not been corrected The attitude has not been corrected Box (MP) and a binary product file (.DBL) Ind/or errors raised by the processing chain. Ig). These flags are set within L2 Header files (MPH field #19 and SPH field or is detected during the L2 processing and also when the percentage of to 5%).			

Each product is checked to detect auxiliary corrections flagged by the ground-station processing chain as missing or containing errors.

0

Number of products with errors:

6.5 L2 FDM Measurement Confidence Flags

CryoSat L2 data includes a quality flag word (field 8) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the processing chain.

Number of products with errors: 7					
Product	Test Failed	Description			
CS_OFFL_SIR_FDM_220140827T005715_20140827T005830_B001	Attitude correction missing	The attitude has not been corrected			
CS_OFFL_SIR_FDM_220140827T020226_20140827T021617_B001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo			
CS_OFFL_SIR_FDM_220140827T160717_20140827T161307_B001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo			
CS_OFFL_SIR_FDM_220140827T172838_20140827T172857_B001	Attitude correction missing	The attitude has not been corrected			
CS_OFFL_SIR_FDM_220140827T190456_20140827T190506_B001	Attitude correction missing	The attitude has not been corrected			
CS_OFFL_SIR_FDM_220140827T204127_20140827T204256_B001	Attitude correction missing	The attitude has not been corrected			
CS_OFFL_SIR_FDM_220140827T233209_20140828T000505_B001	Attitude correction missing	The attitude has not been corrected			

6.6 L2 FDM Range Measurement Flags

Each product is checked to detect range measurements flagged by the processing chain as missing or containing errors.

4

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140827T091347_20140827T091408_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.
CS_OFFL_SIR_FDM_220140827T172857_20140827T172909_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.
CS_OFFL_SIR_FDM_220140827T192518_20140827T194053_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.
CS_OFFL_SIR_FDM_220140827T222744_20140827T222918_B001	OCOG Retracked Range Flag	The master fail flag is set by the OCOG call, for one or more records, indicating the values stored in fields #18, #19, #20 and #21 should be ignored for these records.

6.7 L2 FDM SWH and Backscatter Measurement Flags

Each product is checked to detect parameters related to SWH and sigma0 that are flagged by the processing chain as missing or containing errors. Number of products with errors: 1

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140827T025752_20140827T030821_B001	OCOG Backscatter Status Flag	The master fail flag is set by the CFI call, for one or more records, indicating the values stored in fields #47, #48, #49 and #50 should be ignored for these records.

6.8 L2 FDM Geophysical Measurement Flags

Each product is checked to detect geophysical measurements flagged by the processing chain as missing or containing errors.

7

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220140827T010838_20140827T012321_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140827T021830_20140827T023444_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140827T074326_20140827T075033_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140827T091347_20140827T091408_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140827T092524_20140827T093055_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140827T192518_20140827T194053_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.
CS_OFFL_SIR_FDM_220140827T222744_20140827T222918_B001	Ocean Retracking Quality Flag	The Ocean Retracking Quality Flag is set indicating the CFI Ocean Retracker was not successfully executed for one or more records.

7. QCC Check

The QCC is a CryoSat facility that 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_FDM_1B	137	0	0	0	0	
SIR_FDM_2	136	0	0	0	0	
7.1 QCC Errors						
Number of QCC reports with errors: 0						
7.2 Missing QCC Reports						
Number of products with missing QC	Number of products with missing QCC reports: All					