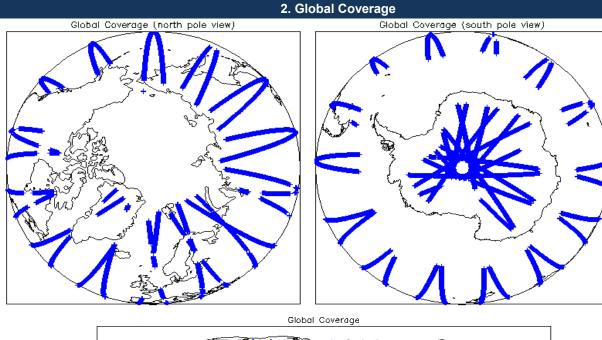
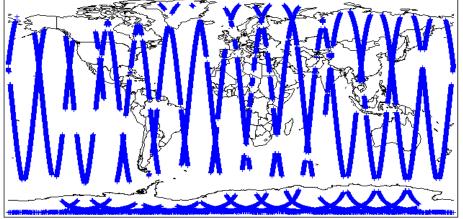
CRVDSAT ID	EAS Daily Report for NR	<u> data: 18-Aug-2013</u>	IDEAS Y
		1. Overview	
		Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
		Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
Report Production Date:	19-Aug-2013	Product Format Check	Nominal
Report Production Date.	. 19-Aug-2013	Product Header Analysis	Nominal
Data Used:	L1 and L2 Fast Delivery Marine	Auxiliary Data File Usage	Nominal
Data Oseu.	Mode (FDM), and CAL Data	Correction Error Flags	Nominal
		Measurement Confidence Flags	See Sections 5.5, 6.5, 6.6 and 6.8
	H		
Mission / Instrument News			
17-Aug-2013 None			
18-Aug-2013 None			
19-Aug-2013 Nothing plan	ned		





## 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

# 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: 0

## 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.

Number of products with errors:

0

Each product is checked for missing Data Set Descriptors wr	t a pre-determined baseline	e and also to check the validity of Auxi	liary Data Files is correct.
Number of products with errors:	0		
4.4 L1 CAL Measurement Confidence Fla	gs		
CryoSat Cal1 and Cal2 data includes a measurement confide	ence flag word (field 11) for	each measurement record. The bit va	lue of this flag indicates any problems when set.
Number of products with errors:	0		
	5. Level 1B I	FDM Data Quality Che	ck
5.1 L1B FDM Product Format Check			
Each product, retrieved and unpacked from the science serve Number of products with errors:	er, is checked to ensure it c 0	consists of both an XML header file (.H	DR) and a binary product file (.DBL).
5.2 L1B FDM Product Header Analysis			
For all products, a series of pre-defined checks are carried or Number of products with errors:	ut on the MPH and SPH in 0 0	order to identify any inconsistencies a	nd/or errors raised by the ground-segment processing chain.
5.3 L1B FDM Auxilary Data File Usage Ch	leck		
Each product is checked for missing Data Set Descriptors wr	t a pre-determined baseline	e and also to check the validity of Auxi	liary Data Files is correct.
Number of products with errors:	0		
5.4 L1B Correction Error Flags			
Each product is checked to detect auxiliary corrections flagge	ed by the ground-station pro	ocessing chain as missing or containir	g errors.
Number of products with errors:	0		
5.5 L1B FDM Measurement Confidence F	lags	surement record. The bit value of this	flag indicates any problems when set.
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w	lags	surement record. The bit value of this	flag indicates any problems when set.
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors:	lags ord (field 14) for each mea	surement record. The bit value of this	flag indicates any problems when set.           Description
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product	lags ord (field 14) for each mea 5		Description
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10	lags ord (field 14) for each mea 5 1402_B001	Test Failed	Description The Echo Rx1 Error flag is set, indicating a degraded raw ed
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T12	lags ord (field 14) for each mea 5 1402_B001 1146_B001	Test Failed Echo error	Description The Echo Rx1 Error flag is set, indicating a degraded raw er
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13	lags ord (field 14) for each mea 5 1402_B001 1146_B001 2734_B001	Test Failed Echo error Echo error	Description The Echo Rx1 Error flag is set, indicating a degraded raw en The Echo Rx1 Error flag is set, indicating a degraded raw en
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15	lags ord (field 14) for each mea 5 1402_B001 1146_B001 2734_B001 0512_B001	Test Failed         Echo error         Echo error         Attitude correction missing	Description           The Echo Rx1 Error flag is set, indicating a degraded raw ed           The Echo Rx1 Error flag is set, indicating a degraded raw ed           The attitude has not been corrected
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T12 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15	lags ord (field 14) for each mea 5 1402_B001 1146_B001 2734_B001 0512_B001 2651_B001	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing	Description         The Echo Rx1 Error flag is set, indicating a degraded raw e         The Echo Rx1 Error flag is set, indicating a degraded raw e         The attitude has not been corrected
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w	lags ord (field 14) for each mea 5 1402_B001 1146_B001 2734_B001 0512_B001 2651_B001	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         Attitude correction missing	Description           The Echo Rx1 Error flag is set, indicating a degraded raw error           The Echo Rx1 Error flag is set, indicating a degraded raw error           The attitude has not been corrected           The attitude has not been corrected           The attitude has not been corrected
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18	lags ord (field 14) for each mea 5 1402_B001 1146_B001 2734_B001 0512_B001 2651_B001 6. Level 2 F	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Checo	Description           The Echo Rx1 Error flag is set, indicating a degraded raw e           The Echo Rx1 Error flag is set, indicating a degraded raw e           The attitude has not been corrected
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18	lags ord (field 14) for each mea 5 1402_B001 1146_B001 2734_B001 0512_B001 2651_B001 6. Level 2 F	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Checo	Description           The Echo Rx1 Error flag is set, indicating a degraded raw end           The Echo Rx1 Error flag is set, indicating a degraded raw end           The attitude has not been corrected
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18	lags ord (field 14) for each mea 5 1402_B001 1146_B001 2734_B001 0512_B001 2651_B001 6. Level 2 F ar, is checked to ensure it o	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Checo	Description           The Echo Rx1 Error flag is set, indicating a degraded raw end           The Echo Rx1 Error flag is set, indicating a degraded raw end           The attitude has not been corrected
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T12 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_2005_20130818T18 CS_OFFL_SIR_FDM_1B_2005_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_2005_2005_2005_2005_2005_2005_2005_200	lags         ord (field 14) for each mea         5         1402_B001         1146_B001         2734_B001         0512_B001         2651_B001         6. Level 2 F         er, is checked to ensure it c         0	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Checo         consists of both an XML header file (.H)	Description         The Echo Rx1 Error flag is set, indicating a degraded raw e         The Echo Rx1 Error flag is set, indicating a degraded raw e         The attitude has not been corrected         Sk         DR) and a binary product file (.DBL)
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T12 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_200000000000000000000000000000000000	lags           ord (field 14) for each mea           5           1402_B001           1146_B001           2734_B001           0512_B001           2651_B001           6. Level 2 F           er, is checked to ensure it c           0           ut on the MPH and SPH in the second secon	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Check         consists of both an XML header file (.H         corder to identify any inconsistencies a	Description         The Echo Rx1 Error flag is set, indicating a degraded raw e         The Echo Rx1 Error flag is set, indicating a degraded raw e         The attitude has not been corrected         DR) and a binary product file (.DBL)         nd/or errors raised by the processing chain.
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 6.1 L2 FDM Product Format Check Each product, retrieved and unpacked from the science serve Number of products with errors: 6.2 L2 FDM Product Header Analysis For all products, a series of pre-defined checks are carried ou Currently there is a high number of processing error flags set field #29) and also within the L2 Product files (MPH field #35	lags           ord (field 14) for each mean           5           1402_B001           1146_B001           2734_B001           0512_B001           2651_B001           6. Level 2 F           er, is checked to ensure it content           0           ut on the MPH and SPH in of SPH field #33). They and SPH field #33). They are and SPH field #33). They are and SPH field #33. They are and SPH fie	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Check         consists of both an XML header file (.F         conder to identify any inconsistencies a         pducts (Product_Err and L2_Proc_Flagare set by the FDM processor when ar	Description         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The attitude has not been corrected         DR) and a binary product file (.DBL)         nd/or errors raised by the processing chain.         g). These flags are set within L2 Header files (MPH field #19 and S
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T12 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1DALE2 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1DALE2 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_	lags           ord (field 14) for each mea           5           1402_B001           1146_B001           2734_B001           0512_B001           2651_B001           6. Level 2 F           ar, is checked to ensure it c           0           ut on the MPH and SPH in a within the Level 2 FDM pro and SPH field #33). They a pelow the minimum accepta	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Check         consists of both an XML header file (.F         conder to identify any inconsistencies a         pducts (Product_Err and L2_Proc_Flagare set by the FDM processor when ar	Description         The Echo Rx1 Error flag is set, indicating a degraded raw end         The Echo Rx1 Error flag is set, indicating a degraded raw end         The attitude has not been corrected         DR) and a binary product file (.DBL)         nd/or errors raised by the processing chain.         g). These flags are set within L2 Header files (MPH field #19 and S
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T12 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1DALE2 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1DALE2 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_	lags           ord (field 14) for each mean           5           1402_B001           1146_B001           2734_B001           0512_B001           2651_B001           6. Level 2 F           er, is checked to ensure it content           0           ut on the MPH and SPH in of SPH field #33). They and SPH field #33). They are and SPH field #33). They are and SPH field #33. They are and SPH fie	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Check         consists of both an XML header file (.F         conder to identify any inconsistencies a         pducts (Product_Err and L2_Proc_Flagare set by the FDM processor when ar	Description         The Echo Rx1 Error flag is set, indicating a degraded raw end         The Echo Rx1 Error flag is set, indicating a degraded raw end         The attitude has not been corrected         DR) and a binary product file (.DBL)         nd/or errors raised by the processing chain.         g). These flags are set within L2 Header files (MPH field #19 and S
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T12 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T16 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20130818 CS_OFFL_SIR_FDM_1B_201308 COLUTENTY there is a high number of processing error flags set field #29) and also within the L2 Product flies (MPH field #35 percentage of Data Set Records free of processing errors is t This issue is under investigation. Number of products with errors:	lags           ord (field 14) for each mea           5           1402_B001           1146_B001           2734_B001           0512_B001           2651_B001           6. Level 2 F           ar, is checked to ensure it cont           0           ut on the MPH and SPH in organ SPH field #33). They appelow the minimum accepta           0	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Check         consists of both an XML header file (.F         conder to identify any inconsistencies a         pducts (Product_Err and L2_Proc_Flagare set by the FDM processor when ar	Description         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The attitude has not been corrected         DR) and a binary product file (.DBL)         nd/or errors raised by the processing chain.         g). These flags are set within L2 Header files (MPH field #19 and S
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T120630_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T150357_20130818T18 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_20138 CS_OFFL_SIR_FDM_1B_20133 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2	lags         ord (field 14) for each means         5         1402_B001         1146_B001         2734_B001         0512_B001         2651_B001         6. Level 2 F         er, is checked to ensure it consume it consuparamete it consume it co	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Check         consists of both an XML header file (.F         conder to identify any inconsistencies a         pducts (Product_Err and L2_Proc_Flagare set by the FDM processor when ar         able threshold set within the processor	Description         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The attitude has not been corrected         DR) and a binary product file (.DBL)         nd/or errors raised by the processing chain.         g). These flags are set within L2 Header files (MPH field #19 and S error is detected during the L2 processing and also when the ' (currently set to 5%).
5.5 L1B FDM Measurement Confidence F CryoSat L1B data includes a measurement confidence flag w Number of products with errors: Product CS_OFFL_SIR_FDM_1B_20130818T095822_20130818T10 CS_OFFL_SIR_FDM_1B_20130818T10630_20130818T12 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T13 CS_OFFL_SIR_FDM_1B_20130818T132502_20130818T15 CS_OFFL_SIR_FDM_1B_20130818T182005_20130818T18 CS_OFFL_SIR_FDM_1B_201200000000000000000000000000000000	lags         ord (field 14) for each means         5         1402_B001         1146_B001         2734_B001         0512_B001         2651_B001         6. Level 2 F         er, is checked to ensure it consume it consuparamete it consume it co	Test Failed         Echo error         Echo error         Attitude correction missing         Attitude correction missing         Attitude correction missing         DM Data Quality Check         consists of both an XML header file (.F         conder to identify any inconsistencies a         pducts (Product_Err and L2_Proc_Flagare set by the FDM processor when ar         able threshold set within the processor	Description         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The Echo Rx1 Error flag is set, indicating a degraded raw ed         The attitude has not been corrected         DR) and a binary product file (.DBL)         nd/or errors raised by the processing chain.         g). These flags are set within L2 Header files (MPH field #19 and S error is detected during the L2 processing and also when the ' (currently set to 5%).

#### 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:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220130818T095822_20130818T101402_B001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo.
CS_OFFL_SIR_FDM_220130818T120630_20130818T121146_B001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo.
CS_OFFL_SIR_FDM_220130818T132502_20130818T132734_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220130818T150357_20130818T150512_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220130818T182005_20130818T182651_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. 2

5

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220130818T052342_20130818T052702_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_220130818T194841_20130818T200535_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:

### 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.

0

2

Number of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220130818T020723_20130818T021240_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_220130818T052342_20130818T052702_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_220130818T194841_20130818T200535_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_220130818T230607_20130818T232319_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	137	89	48	0
SIR_FDM_2	138	137	0	137	0

#### 7.1 QCC Errors

Number of QCC reports with errors:

#### 7.2 Missing QCC Reports

Number of products with missing QCC reports:

Product name

CS\_OFFL\_SIR\_FDM\_1B\_20130817T235658\_20130818T000344\_B001 CS\_OFFL\_SIR\_FDM\_2\_\_20130817T235658\_20130818T000344\_B001