





# 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).

### 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 wrt a pre-determined b	paseline 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 Flags		
CryoSat Cal1 and Cal2 data includes a measurement confidence 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 FDM Data Quality Che	ck
5.1 L1B FDM Product Format Check		
Each product, retrieved and unpacked from the science server, is checked to ens	sure it consists of both an XML header file (.F	IDR) 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 S	SPH in order to identify any inconsistencies a	nd/or errors raised by the ground segment processing chain
Number of products with errors: 0	or this order to identify any inconsistencies a	nuloi enois raiseu by the ground-segment processing chain.
5.2 J 4B EDM Augilem Data File Usage Chack		
5.3 L1B FDM Auxilary Data File Usage Check		
Each product is checked for missing Data Set Descriptors wrt a pre-determined b Number of products with errors: 0	paseline and also to check the validity of Auxi	liary Data Files is correct.
5.4 L1B Correction Error Flags		
Each product is checked to detect auxiliary corrections flagged by the ground-sta	ation processing chain as missing or containir	ig errors.
Number of products with errors: 0		
5.5 L1B FDM Measurement Confidence Flags		
CryoSat L1B data includes a measurement confidence flag word (field 14) for ea	ch measurement record. The bit value of this	flag indicates any problems when set.
· · · ·		
Number of products with errors: 5		
	Test Failed	Description
Product	Test Failed Attitude correction missing	Description The attitude has not been corrected
Product CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001		The attitude has not been corrected
Product CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001	Attitude correction missing	The attitude has not been corrected
Product CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001 CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001 CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001	Attitude correction missing Echo error	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec
Product           CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001           CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001	Attitude correction missing Echo error Attitude correction missing	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected
Product           CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001           CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001	Attitude correction missing Echo error Attitude correction missing Attitude correction missing	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec
Product           CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001           CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001	Attitude correction missing Echo error Attitude correction missing Attitude correction missing Echo error	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec
Product           CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001           CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001	Attitude correction missing Echo error Attitude correction missing Attitude correction missing Echo error I 2 FDM Data Quality Chec	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec
Product           CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001           CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_0130718T195008_0000           CS_OFFL_SIR_FDM_1B_0130718T195008_0000           CS_OFFL_SIR_FDM_1B_0130718T195008_00000           CS_OFFL_SIR_FDM_1B_00130718T195008_0000           CS_OFFL_SIR_FDM_1B_00130718T195008_0000           CS_OFFL_SIR_FDM_1B_00130718T195008_00000           CS_OFFL_SIR_FDM_1B_00130718T195008_00000000           CS_OFFL_SIR_FDM_1B_00130718T195000000000000000000000000000000000000	Attitude correction missing Echo error Attitude correction missing Attitude correction missing Echo error I 2 FDM Data Quality Chec	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec
Product           CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001           CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T19501           CS_OFFL_SIR_FDM_1B_20130718T19501           CS_OFFL_SIR_FDM_1B_20130718T19501           CS_OFFL_SIR_FDM_1B_20130718T234041           CS_OFFL_SIR_FDM_1B_20130718T19501           CS_OFFL_SIR_FDM_1B_20130718T19501           CS_OFFL_SIR_FDM_1B_20130718T19501           CS_OFFL_SIR_FDM_1B_20130718T19501           CS_OFFL_SIR_FDM_1B_20130718T19501	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Chec         sure it consists of both an XML header file (.F	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec <b>Ck</b> IDR) and a binary product file (.DBL)
Product           CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001           CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001           CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001           CS_OFFL_SIR_FDM_1B_20130718T19501	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Checo         sure it consists of both an XML header file (.F         SPH in order to identify any inconsistencies a	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec <b>:k</b> IDR) and a binary product file (.DBL) Ind/or errors raised by the processing chain.
Product CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001 CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001 CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001 CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001 CS_OFFL_SIR_FDM_1B_20130718T23548_20130718T234041_B001 CS_OFFL_SIR_FDM_1B_20130718T195 CS_OFFL_SIR_FDM_1B_20130718T195 CS_OFFL_SIR_FDM_1B_20130718T195 CS_OFFL_SIR_FDM_1B_20130718T195 CS_OFFL_SIR_FDM_1B_20130718T195 CS_OFFL_SIR_FDM_1B_2012 CS_OFFL_SIR_FDM_1B_1D4 T2 Product files (MPH field #35 and SPH field #33). CS_OFFL_SIR_FDM_1B_20130 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_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_201 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_201 CS_OF	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Chec         sure it consists of both an XML header file (.F         SPH in order to identify any inconsistencies a         TOM products (Product_Err and L2_Proc_Fla         They are set by the FDM processor when ar	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec the Echo Rx1 Error flag is set, indicating a de
Product CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001 CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001 CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001 CS_OFFL_SIR_FDM_1B_20130718T195414 CS_OFFL_SIR_FDM_1B_20130718T195414 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130718T234041_S0 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 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_20133 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013 CS_OFFL_SIR_FDM_1B_2013	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Chec         sure it consists of both an XML header file (.F         SPH in order to identify any inconsistencies a         TOM products (Product_Err and L2_Proc_Fla         They are set by the FDM processor when ar	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec the Echo Rx1 Error flag is set, indicating a de
Product         CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001         CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001         CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001         CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001         CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001         CS_OFFL_SIR_FDM_1B_20130718T19512         C       0         SC_OFFL_SIR_FDM_1B_20130718T235         Corrently there is a high number of processing error flags set within the Le	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Chec         sure it consists of both an XML header file (.F         SPH in order to identify any inconsistencies a         TOM products (Product_Err and L2_Proc_Fla         They are set by the FDM processor when ar	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec the Echo Rx1 Error flag is set, indicating a de
Product CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001 CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001 CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001 CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001 CS_OFFL_SIR_FDM_1B_20130718T23548_20130718T234041_B001 CS_OFFL_SIR_FDM_1B_20130718T23548_20130718T234041_B001 CS_OFFL_SIR_FDM_1B_20130718T145515_001 CUTENTLY there is a high number of processing error flags set within the Level 2 Field #29 and also within the L Product files (MPH field #35 and SPH field #33), becencentage of Data Set Records free of processing errors is below the minimum This issue is under investigation. Number of products with errors: 0	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Chec         sure it consists of both an XML header file (.F         SPH in order to identify any inconsistencies a         TOM products (Product_Err and L2_Proc_Fla         They are set by the FDM processor when ar	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec the Echo Rx1 Error flag is set, indicating a de
Product CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T145515_B001 CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001 CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001 CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001 CS_OFFL_SIR_FDM_1B_20130718T19541 CS_OFFL_SIR_FDM_1B_20130718T19541 CS_OFFL_SIR_FDM_1B_20130718T19541 CS_OFFL_SIR_FDM_1B_20130718T19541 CS_OFFL_SIR_FDM_1B_20130718T19541 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 CS_OFFL_SIR_FDM_1B_20130 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_201 CS_OFFL_SIR_FD	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Chec         sure it consists of both an XML header file (.F         SPH in order to identify any inconsistencies a         DM products (Product_Err and L2_Proc_Fla         They are set by the FDM processor when ar acceptable threshold set within the processor	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec <b>Ck</b> IDR) and a binary product file (.DBL) IDR) and a binary product file (.DBL) IDR) These flags are set within L2 Header files (MPH field #19 and Sf n error is detected during the L2 processing and also when the (currently set to 5%).
Product         CS_OFFL_SIR_FDM_1B_20130718T144727_20130718T145515_B001         CS_OFFL_SIR_FDM_1B_20130718T145515_20130718T150051_B001         CS_OFFL_SIR_FDM_1B_20130718T181008_20130718T181221_B001         CS_OFFL_SIR_FDM_1B_20130718T195008_20130718T195414_B001         CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T195414_B001         CS_OFFL_SIR_FDM_1B_20130718T232548_20130718T234041_B001         CS_OFFL_SIR_FDM_1B_20130718T235         Corrently there is a high number of processing error flags set within the Level 2 F field #29) and also within the L2 Product files (MPH field #35 and SPH field #33), bercentage of Data Set Records free of processing errors is below the minimum of this issue is under investigation.	Attitude correction missing         Echo error         Attitude correction missing         Attitude correction missing         Echo error         I 2 FDM Data Quality Chec         sure it consists of both an XML header file (.F         SPH in order to identify any inconsistencies a         DM products (Product_Err and L2_Proc_Fla         They are set by the FDM processor when ar acceptable threshold set within the processor	The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec The attitude has not been corrected The attitude has not been corrected The Echo Rx1 Error flag is set, indicating a degraded raw ec <b>Ck</b> IDR) and a binary product file (.DBL) IDR) and a binary product file (.DBL) IDR) These flags are set within L2 Header files (MPH field #19 and Sf n 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.

umber of products with errors:

Product	Test Failed	Description
CS_OFFL_SIR_FDM_220130718T144727_20130718T145515_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220130718T145515_20130718T150051_B001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo.
CS_OFFL_SIR_FDM_220130718T181008_20130718T181221_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220130718T195008_20130718T195414_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_FDM_220130718T232548_20130718T234041_B001	Echo error	The Echo Rx1 Error flag is set, indicating a degraded raw echo.

#### 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_220130718T083435_20130718T084136_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_220130718T120533_20130718T121627_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_220130718T083435_20130718T084136_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_220130718T120533_20130718T121627_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_220130718T163144_20130718T163528_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_220130718T201903_20130718T203706_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_220130718T203710_20130718T204348_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_220130718T214704_20130718T220609_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_220130718T220812_20130718T222250_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	140	139	104	35	0
SIR_FDM_2	139	138	0	138	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\_20130717T235318\_20130718T000028\_B001

CS\_OFFL\_SIR\_FDM\_2\_20130717T235318\_20130718T000028\_B001