



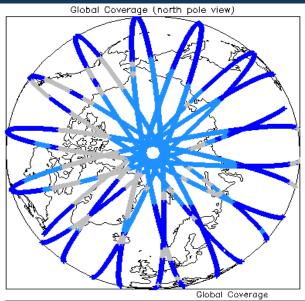
1. Overview

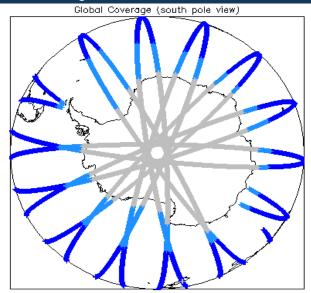
Report Production Date:	17-Jul-2013
Data Used:	OFFLINE L1B and L2 Science Data

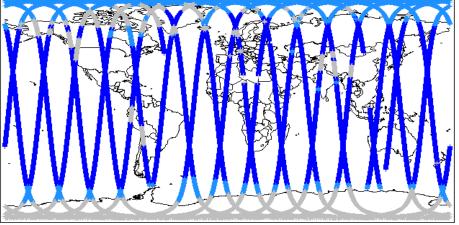
Check	Status
Server check: science-pds.cryosat.esa.int	Nominal
Server check: calval-pds.cryosat.esa.int	Nominal
Product Software Check	Nominal
Product Format Check	Nominal
Product Header Analysis	Nominal
Auxiliary Data File Usage	See Section 5.3
Auxiliary Correction Check	See Section 4.4 and 5.4
Measurement Data Set Check	See Section 4.5 and 5.5

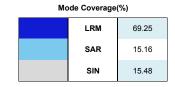
Mission / Instrument News		
06-Jun-2013	SIRAL unavailability from 06-Jun-2013 05:10:48 to 06:57:54 due to a planned orbit manoeuvre.	
07-Jun-2013	None	
08-Jun-2013	08-Jun-2013 Nothing planned	

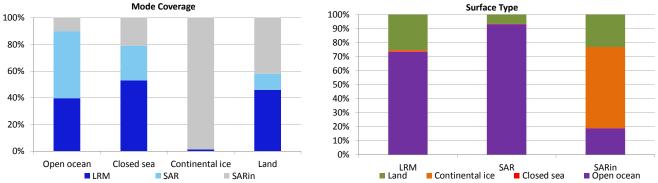
2. Global Coverage











3. Instrument Configuration

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

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

4. Level 1B Data Quality Check

4.1 L1B Product Format Check

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

Number of products with errors:

4.2 L1B 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 ground-segment processing chain.

Number of products with errors:

4.3 L1B Auxilary 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

4.4 L1B Flagged Auxiliary Correction Error Check

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

Number of products with errors:

4

Product	Test Failed
CS_OFFL_SIR_LRM_1B_20130606T233127_20130607T000521_B001	Dynamic atmosphere correction error
CS_OFFL_SIR_LRM_1B_20130607T115514_20130607T122803_B001	Dynamic atmosphere correction error
CS_OFFL_SIR_LRM_1B_20130607T174139_20130607T181303_B001	Dynamic atmosphere correction error
CS_OFFL_SIR_SIN_1B_20130607T055257_20130607T060350_B001	Dynamic atmosphere correction error

4.5 L1B Measurement Confidence Data Check

CryoSat L1B data includes a measurement confidence flag word (field 14) for each measurement record. The bit value of this flag indicates any problems when set.

Number of products with errors:

40

CS_OFFL_SIR_LRM_1B_20130607T034745_20130607T032340_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_LRM_1B_20130607T033604_20130607T034314_B001 Attitude correction missing The attitude has not been corrected Attitude correction missing The attitude has not been corrected Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_LRM_1B_20130607T050158_20130607T050326_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_LRM_1B_20130607T050158_20130607T050421_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T05124_20130607T05124_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T05121_20130607T05124_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T05121_20130607T051224_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T05121_20130607T051224_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SIN_1B_20130607T05124_20130607T051257_B001 Attitude correction missing, Call. CS_OFFL_SIR_SIN_1B_20130607T032434_20130607T032729_B001 Attitude correction missing, Call. CS_OFFL_SIR_SIN_1B_20130607T034314_20130607T034644_B001 Attitude correction missing, Call. CS_OFFL_SIR_SIN_1B_20130607T041323_20130607T042444_B001 Attitude correction missing, Call. CS_OFFL_SIR_SIN_1B_20130607T04324_20130607T05158_B001 Attitude correction missing, Call. CS_OFFL_SIR_SIN_1B_20130607T04324_20130607T050158_B001 Attitude correction missing, Call. CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T050154_B001 Attitude correction missing, Call. Correction from IPFDB The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products The attitude has not been corrected, the Call corr	Product	Test Failed	Description
CS_OFFL_SIR_LRM_1B_20130607T033604_20130607T054284_B001 Altitude correction missing The attitude has not been corrected CS_OFFL_SIR_LRM_1B_20130607T050558_20130607T050326_B001 Altitude correction missing The attitude has not been corrected Altitude correction missing The attitude has not been corrected Altitude correction missing The attitude has not been corrected Altitude correction missing The attitude has not been corrected The attitude has not been corrected The attitude has not been corrected Altitude correction missing The attitude has not been corrected The attitude has not been corrected here The attitude has not been corrected. The attitude has not been corrected here The attitude has not been corrected. The attitude has not been corrected here The attitude has not been corrected. The attitude has not been corrected here The attitude has not been corrected. The attitude has not been corrected here The attitude has not been corrected. The attitude has	CS_OFFL_SIR_LRM_1B_20130607T020343_20130607T020615_B001	TRK echo error	The tracking echo has returned an error
CS_OFFL_SIR_LRM_1B_20130607T042658_20130607T050326_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_LRM_1B_20130607T060655_20130607T064014_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T0504156_20130607T041323_B001 Attitude correction missing The attitude has not been corrected The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T050412_20130607T041323_B001 Attitude correction missing The attitude has not been corrected Attitude correction missing The attitude has not been corrected The attitude has not been corrected Attitude correction missing The attitude has not been corrected The attitude has not been corrected Attitude correction missing, Cal1. Correction from IPFDB Attitude correction missing, Cal1. Correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. Correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. Correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. Correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. Correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. Correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB	CS_OFFL_SIR_LRM_1B_20130607T024745_20130607T032340_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20130607T050158_20130607T060328_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T064014_B001 Attitude correction missing The attitude has not been corrected The attitude has not been corrected The attitude has not been corrected Attitude correction missing The attitude has not been corrected The attitude has not been corrected Attitude correction missing The attitude has not been corrected The attitude has not been corrected The attitude has not been corrected Attitude correction missing The attitude has not been corrected Attitude correction missing The attitude has not been corrected The attitude has not been corrected The attitude has not been corrected The attitude has not been corrected. The attitude has not been corrected The attitude has not been corrected. The attitude has not been corrected. The Call correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Call. The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Call. The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Call. The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Call. The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Call. The attitude has not bee	CS_OFFL_SIR_LRM_1B_20130607T033604_20130607T034314_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20130607T060655_20130607T064014_B001 Attitude correction missing The attitude has not been corrected The attitude has not been corrected. The Call correction has been taken from the IPFDB and not the Call correction has been taken from the IPFDB and not the Call correction has been taken from the IPFDB and not the Callbration products The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Callbration products The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Callbration products The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Callbration products The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Callbration products The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Callbration products The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Callbration products The attitude has not been corrected	CS_OFFL_SIR_LRM_1B_20130607T042658_20130607T045824_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_SAR_1B_20130607T051213_20130607T051204_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T051213_20130607T051324_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T051213_20130607T051324_B001 Attitude correction missing The attitude has not been corrected CS_OFFL_SIR_SAR_1B_20130607T05120_20130607T05257_B001 Attitude correction missing, Cal1. correction from IPFDB CS_OFFL_SIR_SIN_1B_20130607T034314_20130607T034644_B001 CS_OFFL_SIR_SIN_1B_20130607T034314_20130607T034644_B001 CS_OFFL_SIR_SIN_1B_20130607T041323_20130607T042444_B001 CS_OFFL_SIR_SIN_1B_20130607T041323_20130607T042444_B001 CS_OFFL_SIR_SIN_1B_20130607T041323_20130607T050158_B001 CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T050158_B001 CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T0501213_B001 CS_OFFL_SIR_SIN_1B_20130607T051204_20130607T051403_B001 Attitude correction missing, Cal1. correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. correction from IPFDB The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1.	CS_OFFL_SIR_LRM_1B_20130607T050158_20130607T050326_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_SAR_1B_20130607T050421_20130607T051224_B001 Attitude correction missing The attitude has not been corrected The attitude has not been corrected.	CS_OFFL_SIR_LRM_1B_20130607T060655_20130607T064014_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_SAR_1B_20130607T051213_20130607T051324_B001 Attitude correction missing The attitude has not been corrected The attitude has not been corrected. The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T034314_20130607T034644_B001 CS_OFFL_SIR_SIN_1B_20130607T0434314_20130607T034644_B001 CS_OFFL_SIR_SIN_1B_20130607T043432_20130607T042444_B001 CS_OFFL_SIR_SIN_1B_20130607T04323_20130607T042444_B001 Attitude correction missing, Cal1. correction from IPFDB The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T04323_20130607T042444_B001 Attitude correction missing, Cal1. correction from IPFDB The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T045824_20130607T050158_B001 Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T050421_B001 Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051204_20130607T051213_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. The attitude has not been corrected, the Call correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051324_20130607T051403_B001 Attitude correction missing, Cal1. correction missing, Cal1. The attitude has not been corrected, the Call correction has been taken from the I	CS_OFFL_SIR_SAR_1B_20130607T041156_20130607T041323_B001	Attitude correction missing	The attitude has not been corrected
CS_OFFL_SIR_SAR_1B_20130607T055120_20130607T05257_B001 Attitude correction missing The attitude has not been corrected. The Calibration products CS_OFFL_SIR_SIN_1B_20130607T032340_20130607T032729_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T045824_20130607T050158_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051204_20130607T051213_B001 Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051324_20130607T051403_B001 Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal	CS_OFFL_SIR_SAR_1B_20130607T050421_20130607T051204_B001	Attitude correction missing	The attitude has not been corrected
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correction from IPFDB been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T034314_20130607T034644_B001 Attitude correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T050158_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from	CS_OFFL_SIR_SAR_1B_20130607T055120_20130607T055257_B001	Attitude correction missing	The attitude has not been corrected
correction from IPFDB been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T041323_20130607T042444_B001 Attitude correction missing, Cal1.	CS_OFFL_SIR_SIN_1B_20130607T032340_20130607T032729_B001		
correction from IPFDB been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T045824_20130607T050158_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T050421_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051204_20130607T051213_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051324_20130607T051403_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T055257_20130607T060350_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products	CS_OFFL_SIR_SIN_1B_20130607T034314_20130607T034644_B001		
CS_OFFL_SIR_SIN_1B_20130607T045824_20130607T050158_B001 CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T050421_B001 Attitude correction missing, Cal1.	CS_OFFL_SIR_SIN_1B_20130607T041323_20130607T042444_B001		
correction from IPFDB been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051204_20130607T051213_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction missing, Cal1. correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051324_20130607T051403_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051324_20130607T051403_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T055257_20130607T060350_B001 Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T064014_20130607T064354_B001 Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products	CS_OFFL_SIR_SIN_1B_20130607T045824_20130607T050158_B001		
correction from IPFDB been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T051324_20130607T051403_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T055257_20130607T060350_B001 Attitude correction missing, Cal1. correction missing, Cal1. correction from IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T055257_20130607T060350_B001 Attitude correction missing, Cal1. correction from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_20130607T064014_20130607T064354_B001 Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products	CS_OFFL_SIR_SIN_1B_20130607T050326_20130607T050421_B001		
CS_OFFL_SIR_SIN_1B_201306071051324_201306071051403_B001 Correction from IPFDB CS_OFFL_SIR_SIN_1B_201306071051324_201306071060350_B001 Attitude correction missing, Cal1. CS_OFFL_SIR_SIN_1B_20130607105257_201306071060350_B001 Attitude correction missing, Cal1. CS_OFFL_SIR_SIN_1B_201306071064014_201306071064354_B001 Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has been taken from the IPFDB and not the Calibration products Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has	CS_OFFL_SIR_SIN_1B_20130607T051204_20130607T051213_B001		·
CS_OFFL_SIR_SIN_1B_2013060/105525/_2013060/1060350_B001 correction from IPFDB been taken from the IPFDB and not the Calibration products CS_OFFL_SIR_SIN_1B_2013060/105525/_2013060/1060350_B001 correction from IPFDB Attitude correction missing, Cal1. The attitude has not been corrected, the Cal1 correction has	CS_OFFL_SIR_SIN_1B_20130607T051324_20130607T051403_B001		
	CS_OFFL_SIR_SIN_1B_20130607T055257_20130607T060350_B001		
	CS_OFFL_SIR_SIN_1B_20130607T064014_20130607T064354_B001		

5. Level 2 Data Quality Check

5.1 L1B Product Format Check

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

Number of products with errors:

0

5.2 L2 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 ground-segment processing chain

5.3 L2 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:

Product	AUX File	Comment	
CS OFFE SIR COR 24 201306061234712 201306071012626 R001	CS_OPER_AUX_ORBDOR_20130605T215525_20130607T 002325_0001	Coverage missing for intervals [2013-06-07T00:23:25, 2013-06-07T01:26:26]	
CS OFFE SIR GDR 2A 201306071225622 201306081003536 B001	CS_OPER_AUX_ORBDOR_20130606T215525_20130608T 002325_0001	Coverage missing for intervals [2013-06- 08T00:23:25, 2013-06-08T00:35:36]	

5.4 L2 Flagged Auxiliary Correction Error Check

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

Number of products with errors:

3

Product	Test Failed
CS_OFFL_SIR_LRM_2_20130606T233127_20130607T000521_B001	Dynamic atmosphere correction error
CS_OFFL_SIR_LRM_220130607T115514_20130607T122803_B001	Dynamic atmosphere correction error
CS_OFFL_SIR_LRM_220130607T174139_20130607T181303_B001	Dynamic atmosphere correction error

5.5 L2 Measurement Quality Flag Check

CryoSat L2 data includes a quality flag word (field 43) for each 20-Hz measurement record. The bit value of this flag is an assessment of the measurement quality by the ground-segment processing chains

Presently, there are several common data Quality Flag errors raised by the Level 2 products which are either expected due to changes made to the IPF processor in Baseline B or else are due to known issues with the data processors. The investigation of the known issues are on-going and are due to be resolved with the next update of the Level 2 processors. All common known issues are summarised in the list below, followed by a table highlighting any additional issues which may arise from this test.

Freeboard Error: This Quality Flag is correctly set in all products as this parameter is currently not provided in the L2 products and the Freeboard value is presently set to the default value of -9999.

SARin x-track angle error: Currently there is an on-going investigation into the high number of errors from the 'SARIn x-track Error' Quality Flag over Antarctica.

Height error and Backscatter error: It has been noted that the number of errors arising from the 'Backscatter Error' and 'Height Error' Quality Flag is much higher than expected over land areas and this is currently part of an on-going investigation by expert teams.

Number of products with errors:

10

Product	Test Failed	Description
CS_OFFL_SIR_SAR_2A_20130607T014024_20130607T014456_B001	Peakiness error	There is an error in the peakiness derivation
CS_OFFL_SIR_SIN_2_20130607T032340_20130607T032729_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_220130607T034314_20130607T034644_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_220130607T041323_20130607T042444_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_2_20130607T045824_20130607T050158_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_2_20130607T050326_20130607T050421_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_2_20130607T051204_20130607T051213_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_2_20130607T051324_20130607T051403_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_2_20130607T055257_20130607T060350_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products
CS_OFFL_SIR_SIN_2_20130607T064014_20130607T064354_B001	Calibration warning	The Cal correction is missing or has been taken from the IPFDB as opposed to the Calibration products

6. 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.

Nb. There is currently a discrepancy between the number of QCC reports and the number of products reported. This is a known issue and investigation is on-going.

Product type	Nb. Products	Nb. QCC Reports	Nb. Valid	Nb. Warnings	Nb. Errors
SIR_GDR_2A	16	14	0	14	0
SIR_LRM_1B	72	71	71	0	0
SIR_LRM_2	71	70	0	70	0
SIR_SAR_1B	62	66	0	66	0
SIR_SAR_2A	64	66	3	63	0
SIR_SIN_1B	61	72	0	72	0
SIR SIN 2	61	73	0	73	0

6.1 QCC Errors

Number of products with QCC errors:

0

6.2 Missing QCC Reports

Number of products with missing QCC reports:

4

Product name
CS_OFFL_SIR_GDR_2A_20130606T234712_20130607T012626_B001
CS_OFFL_SIR_LRM_1B_20130606T233127_20130607T000521_B001
CS_OFFL_SIR_LRM_220130606T233127_20130607T000521_B001
CS_OFFL_SIR_SIN_1B_20130607T164711_20130607T165038_B001