

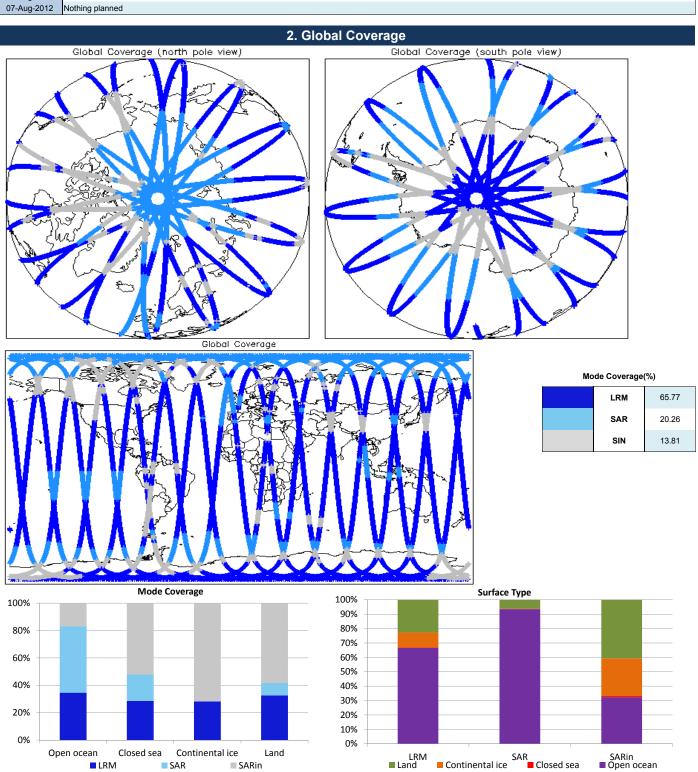


## 1. Overview

		Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
		Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
Demant Draduation Data	22-May-2013	Product Format Check	Nominal
Report Production Date:		Product Header Analysis	Nominal
Data Used:	OFFLINE L1B and L2 Science	Auxiliary Data File Usage	See Section 5.3
Data Used:	Data	Auxiliary Correction Check	See Section 4.4 and 5.4
		Measurement Data Set Check	See Section 4.5

#### Mission / Instrument News

05-Aug-2012	None
06-Aug-2012	None
07-Aug-2012	Nothing plann



SAR

SARin

LRM

		3. Instrun	nent Configuration		
he SIRAL instrument configuration	n for the day of acquisition is provi	ded below.			
IRAL instrument(s) in use:	SIRAL - A				
Star Tracker(s) in use:	Star Tracker 2				
		4. Level 1B	Data Quality Check	K	
1.1 L1 Product Format C	Check				
each product, retrieved and unpack	ked from the science server, is che	ecked to ensure it co	nsists of both an XML header file	(.HDR) and a product	file (.DBL).
lumber of products with errors:	0				
2 L1B Product Header	Analysis				
or all products, a series of pre-defi	ined checks are carried out on the	MPH and SPH in o	rder to identify any inconsistencies	s and/or errors raised	by the ground-segment processing chain.
umber of products with errors:	0				-)
1.3 L1B Auxilary Data Fi		-to-main 11 11			
Each product is checked for missing		etermined baseline	and also to check the validity of A	uxiliary Data Files is c	orrect.
lumber of products with errors:	0				
I.4 L1B Flagged Auxilian	ry Correction Error Che	eck			
each product is checked to spot aux	xiliary corrections flagged by the g	round-station proce	ssing chain as missing or containi	ng errors	
Number of products with errors:	3				
Product			Test Failed		
CS_OFFL_SIR_LRM_1B_20120800			Dynamic atmosphere correction		
CS_OFFL_SIR_LRM_1B_2012080	611/552/ 201208061180225 BC				
S OFFL SIR SAR 1B 20120806			Dynamic atmosphere correction Dynamic atmosphere correction		
CS_OFFL_SIR_SAR_1B_20120806			Dynamic atmosphere correction Dynamic atmosphere correction		
CS_OFFL_SIR_SAR_1B_20120806	6T115933_20120806T120704_B0				
4.5 L1B Measurement Co	6T115933_20120806T120704_B0	001	Dynamic atmosphere correction	error	problems when set.
4.5 L1B Measurement Co	6T115933_20120806T120704_B0	001	Dynamic atmosphere correction	error	problems when set.
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors:	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel	001	Dynamic atmosphere correction	error	problems when set.
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7	001 d 14) for each meas	Dynamic atmosphere correction	error his flag indicates any Description	problems when set.
LS L1B Measurement Co CryoSat L1B data includes a measu lumber of products with errors: Product S_OFFL_SIR_LRM_1B_20120800	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC	001 d 14) for each meas 001	Dynamic atmosphere correction urement record. The bit value of th	error nis flag indicates any Description The tracking e	
4.5 L1B Measurement Co CryoSat L1B data includes a measu lumber of products with errors: Product CS_OFFL_SIR_LRM_1B_20120806 CS_OFFL_SIR_LRM_1B_20120806	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC	001 d 14) for each meas 001 001	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error	error his flag indicates any Description The tracking e The tracking e	cho has returned an error
4.5 L1B Measurement Co CryoSat L1B data includes a measu lumber of products with errors: Product CS_OFFL_SIR_LRM_1B_20120806 CS_OFFL_SIR_LRM_1B_20120806 CS_OFFL_SIR_LRM_1B_20120806	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC 6T100050_20120806T100710_BC	001 d 14) for each meas 001 001 001	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error	error his flag indicates any Description The tracking e The tracking e The attitude h	cho has returned an error cho has returned an error
4.5 L1B Measurement Co CryoSat L1B data includes a measu lumber of products with errors: Product CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC 6T100050_20120806T100710_BC 6T121849_20120806T125352_BC	001 d 14) for each meas 001 001 001 001	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing	error his flag indicates any <b>Description</b> The tracking e The tracking e The attitude h The tracking e	cho has returned an error cho has returned an error as not been corrected
LS L1B Measurement Co CryoSat L1B data includes a measu lumber of products with errors: Product S_OFFL_SIR_LRM_1B_20120806 S_OFFL_SIR_LRM_1B_20120806 S_OFFL_SIR_LRM_1B_20120806 S_OFFL_SIR_LRM_1B_20120806 S_OFFL_SIR_LRM_1B_20120806	6T115933_20120806T120704_B( onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_B( 6T054308_20120806T060113_B( 6T100050_20120806T100710_B( 6T121849_20120806T125352_B( 6T135709_20120806T140449_B(	001 d 14) for each meas 001 001 001 001 001	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error	error his flag indicates any <b>Description</b> The tracking e The tracking e The attitude h The tracking e The tracking e	ccho has returned an error ccho has returned an error as not been corrected ccho has returned an error
4.5 L1B Measurement Co CryoSat L1B data includes a measu Jumber of products with errors: Product SS_OFFL_SIR_LRM_1B_20120800 SS_OFFL_SIR_LRM_1B_20120800 SS_OFFL_SIR_LRM_1B_20120800 SS_OFFL_SIR_LRM_1B_20120800 SS_OFFL_SIR_LRM_1B_20120800	6T115933_20120806T120704_B( onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_B( 6T054308_20120806T060113_B( 6T100050_20120806T100710_B( 6T121849_20120806T125352_B( 6T135709_20120806T140449_B( 6T145150_20120806T150446_B(	001 d 14) for each meas 001 001 001 001 001 001	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error	error his flag indicates any <b>Description</b> The tracking e The tracking e The attitude h The tracking e The tracking e The tracking e	ccho has returned an error ccho has returned an error as not been corrected ccho has returned an error ccho has returned an error
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product SS_OFFL_SIR_LRM_1B_20120800 SS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800	6T115933_20120806T120704_B( onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_B( 6T054308_20120806T060113_B( 6T100050_20120806T100710_B( 6T121849_20120806T125352_B( 6T135709_20120806T140449_B( 6T145150_20120806T150446_B(	001 d 14) for each meas 001 001 001 001 001 001 001 001	Dynamic atmosphere correction urement record. The bit value of the Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error TRK echo error	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e	ccho has returned an error ccho has returned an error as not been corrected ccho has returned an error ccho has returned an error ccho has returned an error
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_SIN_1B_20120806	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC 6T054308_20120806T100711_BC 6T10050_20120806T100710_BC 6T121849_20120806T125352_BC 6T135709_20120806T140449_BC 6T145150_20120806T150446_BC iT100711_20120806T100843_BO	001 d 14) for each meas 001 001 001 001 001 001 001 001	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error TRK echo error Attitude correction missing	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e	ccho has returned an error ccho has returned an error as not been corrected ccho has returned an error ccho has returned an error ccho has returned an error
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_SIN_1B_20120800 CS_OFFL_SIR_SIN_1B_20120800	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7 6T034249_20120806T035110_BC 6T054308_20120806T100710_BC 6T10050_20120806T100710_BC 6T121849_20120806T125352_BC 6T135709_20120806T140449_BC 6T145150_20120806T150446_BC iT100711_20120806T100843_BO Check	001 d 14) for each meas 001 001 001 001 001 001 001 001 001 01	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error TRK echo error Attitude correction missing Data Quality Check	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e	echo has returned an error echo has returned an error as not been corrected echo has returned an error echo has returned an error echo has returned an error as not been corrected
	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7 6T034249_20120806T035110_BC 6T054308_20120806T100710_BC 6T10050_20120806T100710_BC 6T121849_20120806T125352_BC 6T135709_20120806T140449_BC 6T145150_20120806T150446_BC iT100711_20120806T100843_BO Check	001 d 14) for each meas 001 001 001 001 001 001 001 001 001 01	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error TRK echo error Attitude correction missing Data Quality Check	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e	echo has returned an error echo has returned an error as not been corrected echo has returned an error echo has returned an error echo has returned an error as not been corrected
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_SIN_1B_20120800 CS_OFFL_SIR_SIN_1B_20120800 CS_OFFL_SIR_SIN_1B_20120800 CS_OFFL_SIR_SIN_1B_20120800	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC 6T10050_20120806T100710_BC 6T121849_20120806T100710_BC 6T135709_20120806T140449_BC 6T145150_20120806T100843_BO Check ted from the science server, is check 0	001 d 14) for each meas 001 001 001 001 001 001 001 001 001 01	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error TRK echo error Attitude correction missing Data Quality Check	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e The tracking e The tracking e	echo has returned an error echo has returned an error as not been corrected echo has returned an error echo has returned an error echo has returned an error as not been corrected
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7 6T034249_20120806T035110_BC 6T054308_20120806T100710_BC 6T120849_20120806T140740_BC 6T123709_20120806T140449_BC 6T145150_20120806T100843_BO Check ted from the science server, is che 0 Analysis	001 d 14) for each meas 001 001 001 001 001 001 001 <b>5. Level 2</b> ecked to ensure it co	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error Attitude correction missing Data Quality Check nsists of both an XML header file	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e (.HDR) and a binary p	echo has returned an error echo has returned an error as not been corrected ccho has returned an error echo has returned an error as not been corrected
S. L1B Measurement Conservation of products with errors:     Immber of products with errors:     SoffL_SIR_LRM_1B_20120800     SofFL_SIR_LRM_1B_20120800     SofFL_SIR_LRM_1B_20120800     SofFL_SIR_LRM_1B_20120800     SofFL_SIR_LRM_1B_20120800     SofFL_SIR_LRM_1B_20120800     SofFL_SIR_SIN_1B_20120800     SofFL_SIR_SIN_1B_2012080	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC 6T054308_20120806T035110_BC 6T10050_20120806T100710_BC 6T121849_20120806T100710_BC 6T145150_20120806T140449_BC 6T145150_20120806T100843_B0 Check ced from the science server, is checce 0 cnallysis ined checks are carried out on the	001 d 14) for each meas 001 001 001 001 001 001 001 <b>5. Level 2</b> ecked to ensure it co	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error Attitude correction missing Data Quality Check nsists of both an XML header file	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e (.HDR) and a binary p	echo has returned an error echo has returned an error as not been corrected echo has returned an error echo has returned an error echo has returned an error as not been corrected
S. L1B Measurement Co ryoSat L1B data includes a measurement of products with errors: roduct SS_OFFL_SIR_LRM_1B_20120806 SS_OFFL_SIR_LRM_1B_20120806 SS_OFFL_SIR_LRM_1B_20120806 SS_OFFL_SIR_LRM_1B_20120806 SS_OFFL_SIR_LRM_1B_20120806 SS_OFFL_SIR_SIN_1B_20120806 SS	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7 6T034249_20120806T035110_BC 6T054308_20120806T100710_BC 6T120849_20120806T140740_BC 6T123709_20120806T140449_BC 6T145150_20120806T100843_BO Check ted from the science server, is che 0 Analysis	001 d 14) for each meas 001 001 001 001 001 001 001 <b>5. Level 2</b> ecked to ensure it co	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error Attitude correction missing Data Quality Check nsists of both an XML header file	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e (.HDR) and a binary p	echo has returned an error echo has returned an error as not been corrected ccho has returned an error echo has returned an error as not been corrected
S. L1B Measurement Conservation of products with errors: Immber of products with errors: Immber of products with errors: SofFL_SIR_LRM_1B_20120800 SofFL_SIR_LRM_1B_20120800 SofFL_SIR_LRM_1B_20120800 SofFL_SIR_LRM_1B_20120800 SofFL_SIR_LRM_1B_20120800 SofFL_SIR_LRM_1B_20120800 SofFL_SIR_SIN_1B_2012080 SofFL_SIR_SIN_1B_2012080 SofFL_SIR_SIN_	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (field 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC 6T10050_20120806T100710_BC 6T121849_20120806T125352_BC 6T135709_20120806T140449_BC T100711_20120806T100843_BO Check ted from the science server, is che 0 Analysis ined checks are carried out on the 0	001 d 14) for each meas 001 001 001 001 001 001 001 <b>5. Level 2</b> ecked to ensure it co	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error TRK echo error Attitude correction missing TRK echo error TRK echo error TRK echo error Attitude correction missing Data Quality Check nsists of both an XML header file	error his flag indicates any Description The tracking e The tracking e The tracking e The tracking e (.HDR) and a binary p	echo has returned an error echo has returned an error as not been corrected ccho has returned an error echo has returned an error as not been corrected
4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_LRM_1B_20120800 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_OFFL_SIR_SIN_1B_200 CS_	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC 6T100050_20120806T100710_BC 6T121849_20120806T125352_BC 6T12150_20120806T140449_BC 6T145150_20120806T140443_BO Check xed from the science server, is che 0 xnalysis ined checks are carried out on the 0 e Usage Check	2001 d 14) for each meas 2001 2001 2001 2001 2001 2001 2001 200	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error Attitude correction missing Data Quality Check nsists of both an XML header file rder to identify any inconsistencies	error his flag indicates any Description The tracking e The tracking e The attitude h The tracking e The tracking e The tracking e (.HDR) and a binary p a and/or errors raised	echo has returned an error hecho has returned an error as not been corrected has returned an error hecho has returned an error hecho has returned an error as not been corrected
A.5 L1B Measurement Conservation of products with errors:     Ander of products with errors:     Ander of products with errors:     Ander of products with errors:     Source of product Product     Source of product Product Product     Source of product Product Product     Source of products with errors:     Sour	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC 6T100050_20120806T100710_BC 6T121849_20120806T125352_BC 6T12150_20120806T140449_BC 6T145150_20120806T140443_BO Check xed from the science server, is che 0 xnalysis ined checks are carried out on the 0 e Usage Check	2001 d 14) for each meas 2001 2001 2001 2001 2001 2001 2001 200	Dynamic atmosphere correction urement record. The bit value of th Test Failed TRK echo error Attitude correction missing Data Quality Check nsists of both an XML header file rder to identify any inconsistencies	error his flag indicates any Description The tracking e The tracking e The attitude h The tracking e The tracking e The tracking e (.HDR) and a binary p a and/or errors raised	echo has returned an error hecho has returned an error as not been corrected has returned an error hecho has returned an error hecho has returned an error as not been corrected
B.5 L1B Measurement Conservation of products with errors:     Immber of products with errors:     Source Sector Sect	6T115933_20120806T120704_BC onfidence Data Check urement confidence flag word (fiel 7 6T034249_20120806T035110_BC 6T054308_20120806T060113_BC 6T100050_20120806T100710_BC 6T121849_20120806T125352_BC 6T12150_20120806T140449_BC 6T145150_20120806T140443_BO Check xed from the science server, is che 0 xnalysis ined checks are carried out on the 0 e Usage Check	d 14) for each meas 001 001 001 001 001 001 <b>5. Level 2</b> ecked to ensure it co MPH and SPH in or etermined baseline	Dynamic atmosphere correction urement record. The bit value of th TRK echo error Attitude correction missing Data Quality Check nsists of both an XML header file rder to identify any inconsistencies and also to check the validity of Attivity o	error  his flag indicates any  Description  The tracking e  The attitude h  The tracking e  The tracking e  (.HDR) and a binary p  s and/or errors raised  uxiliary Data Files is o	echo has returned an error hecho has returned an error as not been corrected has returned an error hecho has returned an error hecho has returned an error as not been corrected

# 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

3

Number of products with errors:

Product	Test Failed
	Dynamic atmosphere correction error Error in MSS/Geoid, and Ocean Depth Land Elevation model, correction computations
CS_OFFL_SIR_LRM_220120806T175527_20120806T180225_B001	Dynamic atmosphere correction error
CS_OFFL_SIR_SAR_2A_20120806T115933_20120806T120704_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.

0

0

3

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:

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	17	16	0	16	0
SIR_LRM_1B	124	123	107	16	0
SIR_LRM_2	124	123	2	121	0
SIR_SAR_1B	79	79	0	79	0
SIR_SAR_2A	79	79	2	77	0
SIR_SIN_1B	103	103	0	103	0
SIR_SIN_2	103	103	0	103	0

## 6.1 QCC Errors

Number of products with QCC errors:

#### 6.2 Missing QCC Reports

Number of products with missing QCC reports:

#### Product name

CS\_OFFL\_SIR\_GDR\_2A\_20120805T223352\_20120806T001306\_B001 CS\_OFFL\_SIR\_LRM\_1B\_20120805T235550\_20120806T002425\_B001 CS\_OFFL\_SIR\_LRM\_2\_\_20120805T235550\_20120806T002425\_B001