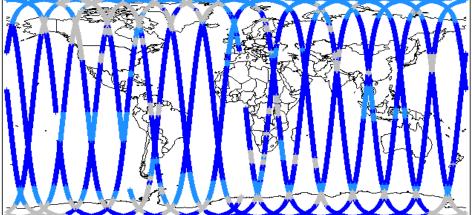
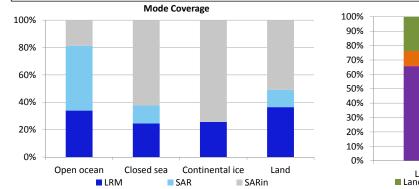


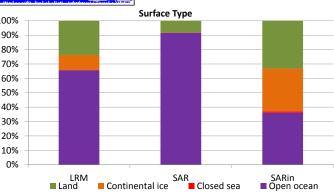


		1. Overview	
		Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
		Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
an ant Dua du stian Dat	21 May 2012	Product Format Check	Nominal
eport Production Date:	31-May-2013 OFFLINE L1B and L2 Science Data	Product Header Analysis	Nominal
Deta Usadu		Auxiliary Data File Usage	Nominal
Data Used:		Auxiliary Correction Check	See Section 4.4 and 5.4
		Measurement Data Set Check	See Section 4.5
sion / Instrument News			
0-Jul-2012 None			
21-Jul-2012 None			
22-Jul-2012 Nothing planned			
51			
		2. Global Coverage	
Global Cov	erage (north pole view)	Global Coverage (south p	oole view)
har and the	State State State		



Mode Coverage(%)					
	LRM	66.59			
	SAR	19.48			
	SIN	13.78			





	3	Instrument Configuration	
The SIRAL instrument configuration fo			
SIRAL instrument(s) in use:	SIRAL - A		
Star Tracker(s) in use:	Star Tracker 2		
Star Hacker(S) in use.	Star Hacker 2		
	4. l	_evel 1B Data Quality Check	
4.1 L1 Product Format Che	eck		
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		
4.2 L1B Product Header A	nalysis		
For all products, a series of pre-define	d 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:	0		
4.3 L1B Auxilary Data File	Usage Check		
		ned baseline and also to check the validity of Aux	iliary Data Files is correct
Number of products with errors:			
4.4 L1B Flagged Auxiliary		station processing shain as missing a section in	
		-station processing chain as missing or containing	) errors
Number of products with errors:	3	Test Failed	
		Dynamic atmosphere correction e	ror
CS_OFFL_SIR_LRM_1B_20120721T	115813_201207211120723_B001	Dynamic autosphere conection e	noi
S_OFFL_SIR_LRM_1B_20120721T	175633_20120721T181048_B001	Dynamic atmosphere correction e Dynamic atmosphere correction e	rror
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0	175633_20120721T181048_B001 55949_20120721T060129_B001	Dynamic atmosphere correction e	rror
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Con	175633_20120721T181048_B001 55949_20120721T060129_B001 nfidence Data Check	Dynamic atmosphere correction e	rror
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Cor CryoSat L1B data includes a measure	175633_20120721T181048_B001 55949_20120721T060129_B001 nfidence Data Check	Dynamic atmosphere correction e Dynamic atmosphere correction e	rror
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Con CryoSat L1B data includes a measure Number of products with errors: Product	175633_20120721T181048_B001 55949_20120721T060129_B001 Ifidence Data Check ment confidence flag word (field 14) f 3	Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed	rror s flag indicates any problems when set. Description
Constant Strategy Str	175633_20120721T181048_B001 55949_20120721T060129_B001 Ifidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001	Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing	rror s flag indicates any problems when set.           Description           The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Cor CryoSat L1B data includes a measured Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T( CS_OFFL_SIR_LRM_1B_20120721T(	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T061154_B001	Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing TRK echo error	rror rror s flag indicates any problems when set.           Description           The attitude has not been corrected           The tracking echo has returned an error
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 <b>4.5 L1B Measurement Con</b> CryoSat L1B data includes a measured <b>Jumber of products with errors:</b> Product CS_OFFL_SIR_LRM_1B_20120721T( CS_OFFL_SIR_LRM_1B_20120721T(	175633_20120721T181048_B001 55949_20120721T060129_B001 <b>Infidence Data Check</b> ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T061154_B001 034907_20120721T035109_B001	Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing TRK echo error Attitude correction missing	rror s flag indicates any problems when set.           Description           The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Con CryoSat L1B data includes a measurel Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T( CS_OFFL_SIR_LRM_1B_20120721T( CS_OFFL_SIR_SAR_1B_20120721T( CS_OFFL_SIR_SAR_1B_20120721T(	175633_20120721T181048_B001 55949_20120721T060129_B001 <b>Infidence Data Check</b> ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 034907_20120721T035109_B001 <b>5</b> .	Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing TRK echo error	rror rror s flag indicates any problems when set.           Description           The attitude has not been corrected           The tracking echo has returned an error
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Cor CryoSat L1B data includes a measured Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Che	175633_20120721T181048_B001 55949_20120721T060129_B001 <b>Infidence Data Check</b> ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T061154_B001 034907_20120721T035109_B001 <b>5.</b> eck	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing TRK echo error Attitude correction missing Level 2 Data Quality Check	rror rror  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Corr CryoSat L1B data includes a measurer Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Cho Each product, retrieved and unpacked	175633_20120721T181048_B001 55949_20120721T060129_B001 <b>Infidence Data Check</b> ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 034907_20120721T035109_B001 <b>5.</b> <b>eck</b> from the science server, is checked form	Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing TRK echo error Attitude correction missing	rror rror  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Cor CryoSat L1B data includes a measured Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Chr Each product, retrieved and unpacked Number of products with errors:	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T061154_B001 034907_20120721T035109_B001 5. eck from the science server, is checked for 0	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing TRK echo error Attitude correction missing Level 2 Data Quality Check	rror rror  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Cor CryoSat L1B data includes a measured Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Chr Each product, retrieved and unpacked Number of products with errors:	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T061154_B001 034907_20120721T035109_B001 5. eck from the science server, is checked for 0	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this Test Failed Attitude correction missing TRK echo error Attitude correction missing Level 2 Data Quality Check	rror rror  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Corr CryoSat L1B data includes a measured Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Cho Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header Analysis	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked 1 0 alysis	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing	rror rror  s flag indicates any problems when set.  Description The attitude has not been corrected The tracking echo has returned an error The attitude has not been corrected
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Corr CryoSat L1B data includes a measurer Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Chr Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header Ana For all products, a series of pre-define	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked 1 0 alysis	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing	rror rror  a flag indicates any problems when set.           Description         The attitude has not been corrected         The tracking echo has returned an error         The attitude has not been corrected         HDR) and a binary product file (.DBL)
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Correct CryoSat L1B data includes a measured Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Char Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header Ana For all products, a series of pre-defined Number of products with errors:	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked 1 0 alysis d checks are carried out on the MPH 0	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing	rror rror  a flag indicates any problems when set.           Description         The attitude has not been corrected         The tracking echo has returned an error         The attitude has not been corrected         HDR) and a binary product file (.DBL)
CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Corr CryoSat L1B data includes a measure Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 5.1 L2 Product Format Che Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header Ana For all products, a series of pre-define Number of products with errors: 5.3 L2 Auxiliary Data File L	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked 1 0 alysis d checks are carried out on the MPH 0 Usage Check	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing	rror rror rror rror afag indicates any problems when set.
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 A.5 L1B Measurement Correst CryoSat L1B data includes a measured Number of products with errors: Croduct CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_SAR_	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked 1 0 alysis d checks are carried out on the MPH 0 Usage Check	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing	rror rror rror rror afag indicates any problems when set.
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Corr CryoSat L1B data includes a measurer Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 S.OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Chr Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header Anta For all products, a series of pre-definer Number of products with errors: 5.3 L2 Auxiliary Data File I Each product is checked for missing D Number of products with errors:	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 003413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked f 0 alysis d checks are carried out on the MPH 0 Usage Check rata Set Descriptors wrt a pre-determi 0	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing	rror rror rror rror afag indicates any problems when set.
Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_SAR_1B_20120721TC 5.1 L2 Product Format Che Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header And For all products, a series of pre-definer Number of products with errors: 5.3 L2 Auxiliary Data File U Each product is checked for missing D Number of products with errors: 5.4 L2 Flagged Auxiliary C	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T061154_B001 034907_20120721T035109_B001 5. eck from the science server, is checked f 0 alysis d checks are carried out on the MPH 0 Usage Check rata Set Descriptors wrt a pre-determi 0 Correction Error Check	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing	rror rror rror rror rror rror rror rro
CS_OFFL_SIR_LRM_1B_20120721T CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Corr CryoSat L1B data includes a measurer Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 CS_OFFL_SIR_LRM_1B_20120721T0 S.OFFL_SIR_SAR_1B_20120721T0 5.1 L2 Product Format Che Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header Ana For all products, a series of pre-definer Number of products with errors: 5.3 L2 Auxiliary Data File I Each product is checked for missing D Number of products with errors: 5.4 L2 Flagged Auxiliary C Each product is checked to spot auxiliar	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T061154_B001 034907_20120721T035109_B001 5. eck from the science server, is checked f 0 alysis d checks are carried out on the MPH 0 Usage Check rata Set Descriptors wrt a pre-determi 0 Correction Error Check	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing   Level 2 Data Quality Check to ensure it consists of both an XML header file (.) and SPH in order to identify any inconsistencies a ned baseline and also to check the validity of Aux	rror rror rror rror rror rror rror rro
CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_SIN_1B_20120721TO A.5 L1B Measurement Corr CryoSat L1B data includes a measured Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_SAR_1B_20120721TC CS_OFFL_SIR_SAR_1B_20120721TC S_OFFL_SIR_SAR_1B_201207	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked f 0 alysis d checks are carried out on the MPH 0 Usage Check rata Set Descriptors wrt a pre-determi 0 Correction Error Check ary corrections flagged by the ground 3	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing           Level 2 Data Quality Check           to ensure it consists of both an XML header file (.1           and SPH in order to identify any inconsistencies a           ned baseline and also to check the validity of Aux           -station processing chain as missing or containing	rror rror rror rror rror rror rror rro
CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_SIN_1B_20120721T0 4.5 L1B Measurement Corr CryoSat L1B data includes a measurer Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_LRM_1B_20120721TC CS_OFFL_SIR_SAR_1B_20120721TC CS_OFFL_SIR_SAR_1B_20120721TC 5.1 L2 Product Format Chr Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header And For all products, a series of pre-definer Number of products with errors: 5.3 L2 Auxiliary Data File L Each product is checked for missing D Number of products with errors: 5.4 L2 Flagged Auxiliary C	175633_20120721T181048_B001 55949_20120721T060129_B001 Infidence Data Check ment confidence flag word (field 14) f 3 033413_20120721T034906_B001 060627_20120721T035109_B001 5. eck from the science server, is checked f 0 alysis d checks are carried out on the MPH 0 Usage Check rata Set Descriptors wrt a pre-determi 0 Correction Error Check ary corrections flagged by the ground 3 115813_20120721T120723_B001	Dynamic atmosphere correction e Dynamic atmosphere correction e Dynamic atmosphere correction e or each measurement record. The bit value of this           Test Failed           Attitude correction missing           TRK echo error           Attitude correction missing   Level 2 Data Quality Check to ensure it consists of both an XML header file (.1 and SPH in order to identify any inconsistencies a ned baseline and also to check the validity of Aux -station processing chain as missing or containing	rror rror rror rror rror rror rror rro

## 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

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	108	109	92	17	0
SIR_LRM_2	107	107	1	106	0
SIR_SAR_1B	90	89	0	89	0
SIR_SAR_2A	89	88	7	81	0
SIR_SIN_1B	99	99	0	99	0
SIR_SIN_2	99	99	0	99	0

## 6.1 QCC Errors

Number of products with QCC errors:

## 6.2 Missing QCC Reports

Number of products with missing QCC reports: