

IDEAS Daily Report for OFFLINE data:

<u>12/09/2012</u>



65.12

18.57

16.16

		Check	Status	
		Server check: science-pds.cryosat.esa.int	Nominal	
		Server check: calval-pds.cryosat.esa.int	Nominal	
		Product Software Check	Nominal	
Report Production Date:	11-Apr-2013	Product Format Check	Nominal	
		Product Header Analysis	Nominal	
Data Used:	OFFLINE L1B and L2 Science	Auxiliary Data File Usage	See Section 5.3	
	Data	Auxiliary Correction Check	See Section 4.4 and 5.4	
		Measurement Data Set Check	See Section 4.5 and 5.5	

1. Overview

Mission / Instrument News

80%

60%

40%

20%

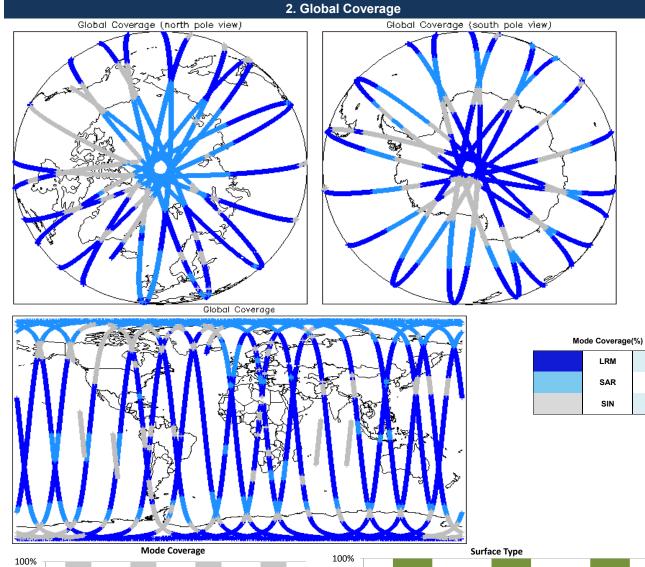
0%

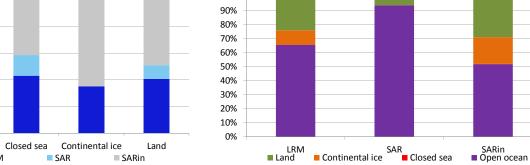
Open ocean

LRM

 11-Sep-2012
 SIRAL unavailability from 11-Sept-2012 ~03:04:00 to ~07:02:00 due to a planned rolling orbit manoeuvre.

 12-Sep-2012
 SIRAL unavailability from 12-Sept-2012 ~15:34:00 to ~18:33:00 due to a planned rolling orbit manoeuvre.
 12-Sep-2012 13-Sep-2012 Nothing planned





		3. Instru	ment Configuration					
The SIRAL instrument configuration	for the day of acquisition is provi	ded below.						
SIRAL instrument(s) in use:	SIRAL - A							
Star Tracker(s) in use:	Star Tracker 1 & 2							
4. Level 1B Data Quality Check								
4.1 L1 Product Format C	heck							
Each product, retrieved and unpacke	ed from the science server, is che	ecked to ensure it o	consists of both an XML header file	(.HDR) and a product	file (.DBL).			
Number of products with errors:	0							
4.2 L1B Product Header	Analysis							
		MPH and SPH in C	order to identify any inconsistencies	s and/or errors raised	by the ground-segment processing chain.			
Number of products with errors:	0							
4.3 L1B Auxilary Data Fil	e Usage Check							
Each product is checked for missing	Data Set Descriptors wrt a pre-c	etermined baseline	e and also to check the validity of Au	uxiliary Data Files is c	orrect.			
Number of products with errors:	0							
4.4 L1B Flagged Auxiliar	v Correction Error Ch	eck						
	•							
Each product is checked to spot aux		pround-station proce	essing chain as missing or containir	ng errors				
Number of products with errors:	2							
Product	T055439_20120912T060533_B		Test Failed Dynamic atmosphere correction					
				error				
CS_OFFL_SIR_LRM_1B_20120912	onfidence Data Check		Dynamic atmosphere correction		problems when set			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors:	onfidence Data Check		surement record. The bit value of th	nis flag indicates any	problems when set.			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912	rement confidence flag word (fiel 6 T040807_20120912T042619_B	d 14) for each mea: 001	surement record. The bit value of th Test Failed TRK echo error	nis flag indicates any Description The tracking	echo has returned an error			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measure Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_200912 CS_OFFL_SIR_LRM_1B_2009120912 CS_OFFL_SIR_LRM_1B_200912 CS	CT040807_20120912T042619_B T070621_20120912T070853_B T102316_20120912T102447_B	d 14) for each mea: 001 001 001	surement record. The bit value of th	nis flag indicates any Description The tracking The attitude t The tracking	echo has returned an error nas not been corrected echo has returned an error			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measure Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_200912 CS	confidence Data Check rement confidence flag word (fiel 6 CT040807_20120912T042619_B CT070621_20120912T1024619_B CT070621_20120912T102467_B CT102316_20120912T150645_B CT102316_20120912T150645_B	d 14) for each mea: 001 001 001 001	Surement record. The bit value of the stream	nis flag indicates any Description The tracking The attitude h The tracking The attitude h	echo has returned an error nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_200912 CS_O	confidence Data Check rement confidence flag word (fiel 6 1040807_20120912T042619_B 107070621_20120912T070853_B 102316_20120912T102447_B 1145916_20120912T150645_B 1070543_20120912T070621_B	d 14) for each mea: 001 001 001 001 001	surement record. The bit value of th Test Failed TRK echo error Attitude correction missing TRK echo error	his flag indicates any p Description The tracking The attitude f The attitude f The attitude f The attitude f	echo has returned an error has not been corrected echo has returned an error has not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_200912 CS_O	confidence Data Check rement confidence flag word (fiel 6 1040807_20120912T042619_B 107070621_20120912T070853_B 102316_20120912T102447_B 1145916_20120912T150645_B 1070543_20120912T070621_B	d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 200	Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing	nis flag indicates any p Description The tracking The attitude f The attitude f The attitude f The attitude f	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measur Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_201209121 CS_OFFL_SIR_SIN_1B_201209121	Confidence Data Check rement confidence flag word (fiel 6 T040807_20120912T042619_Bi T070621_20120912T1070853_Bi T102316_20120912T102447_Bi T145916_20120912T150645_Bi T070543_20120912T1510645_Bi T150645_20120912T151101_B0	d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 200	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing	nis flag indicates any p Description The tracking The attitude f The attitude f The attitude f The attitude f	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_201209121 CS_OFFL_SIR_SIN_1B_201209121 S_OFFL_SIR_SIN_1B_201209121 5.1 L2 Product Format C	Confidence Data Check rement confidence flag word (fiel 6 10040807_20120912T042619_B 10070621_20120912T070853_B 10102316_20120912T102447_B 10145916_20120912T150645_B 1070543_20120912T070621_B 150645_20120912T151101_B0 heck	d 14) for each mean 201 201 201 201 201 201 201 201	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing	his flag indicates any p Description The tracking The attitude f The attitude f The attitude f The attitude f	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 5.1 L2 Product Format C Each product, retrieved and unpacked	Confidence Data Check rement confidence flag word (fiel 6 10040807_20120912T042619_B 10070621_20120912T070853_B 10102316_20120912T102447_B 10145916_20120912T150645_B 1070543_20120912T070621_B 150645_20120912T151101_B0 heck	d 14) for each mean 201 201 201 201 201 201 201 201	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing	his flag indicates any p Description The tracking The attitude f The attitude f The attitude f The attitude f	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 S_1 L2 Product Format C Each product, retrieved and unpacked Number of products with errors:	Confidence Data Check rement confidence flag word (fiel 6 10040807_20120912T042619_B 10070621_20120912T070853_B 10102316_20120912T102447_B 10145916_20120912T150645_B 1070543_20120912T151101_B0 heck ad from the science server, is check 0	d 14) for each mean 201 201 201 201 201 201 201 201	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing	his flag indicates any p Description The tracking The attitude f The attitude f The attitude f The attitude f	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 S_1 L2 Product Format C Each product, retrieved and unpacked Number of products with errors:	Confidence Data Check rement confidence flag word (fiel 6 10040807_20120912T042619_B 10070621_20120912T070853_B 10102316_20120912T102447_B 10145916_20120912T150645_B 1070543_20120912T151101_B0 heck ad from the science server, is check 0	d 14) for each mean 201 201 201 201 201 201 201 201	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing	his flag indicates any p Description The tracking The attitude f The attitude f The attitude f The attitude f	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_201209121 5.1 L2 Product Format C Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defin	Infidence Data Check rement confidence flag word (field 6 17040807_20120912T042619_B 17070621_20120912T1070853_B 17102316_20120912T102447_B 17145916_20120912T10645_B 17070543_20120912T1070621_B 150645_20120912T150645_B 150645_20120912T151101_BO heck ad from the science server, is check 0 nalysis	d 14) for each mean 2001 2001 2001 2001 2001 2001 201 5. Level 2 acked to ensure it c	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check	his flag indicates any point of the tracking The tracking The attitude by The attitude by The attitude by The attitude by The attitude by (.HDR) and a binary p	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_201209121 5.1 L2 Product Format C Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defin	Infidence Data Check rement confidence flag word (field 6 17040807_20120912T042619_B 17070621_20120912T1070853_B 17102316_20120912T102447_B 17145916_20120912T10645_B 17070543_20120912T1070621_B 150645_20120912T150645_B 150645_20120912T151101_BO heck ad from the science server, is check 0 nalysis	d 14) for each mean 2001 2001 2001 2001 2001 2001 201 5. Level 2 acked to ensure it c	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check	his flag indicates any point of the tracking The tracking The attitude by The attitude by The attitude by The attitude by The attitude by (.HDR) and a binary p	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_201209121 5.1 L2 Product Format C Each product, retrieved and unpacket Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defiring Number of products with errors:	Image: Description of the science server, is cher 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	d 14) for each mean 2001 2001 2001 2001 2001 2001 201 5. Level 2 acked to ensure it c	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check	his flag indicates any point of the tracking The tracking The attitude by The attitude by The attitude by The attitude by The attitude by (.HDR) and a binary p	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 5.1 L2 Product Format C Each product, retrieved and unpacke Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defir Number of products with errors: 5.3 L2 Auxiliary Data File	Image: Description of the sector of	d 14) for each mean 201 201 201 201 201 201 201 201	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check consists of both an XML header file (is flag indicates any particular indicates any particular indicates any particular indicates any particular indicating the attitude in the attitude indicating (.HDR) and a binary particular indicating and/or errors raised is and/or errors raised indicating and a binary particular indicating and particular indicating and a binary particular indicating and	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected product file (.DBL)			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIR_SIN_1B_20120912 S_OFFL_SIN_1D_1D_1D_1D_1D_1D_1D_1	Image: Description of the sector of	d 14) for each mean 201 201 201 201 201 201 201 201	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check consists of both an XML header file (is flag indicates any particular indicates any particular indicates any particular indicates any particular indicating the attitude in the attitude indicating (.HDR) and a binary particular indicating and/or errors raised is and/or errors raised indicating and a binary particular indicating and particular indicating and a binary particular indicating and	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected nas not been corrected product file (.DBL)			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 T 5.1 L2 Product Format C Each product, retrieved and unpacke Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defir Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors:	Denfidence Data Check rement confidence flag word (fiel 6 17040807_20120912T042619_B 17070621_20120912T102447_B 17102316_20120912T102447_B 17105916_20120912T1070621_B 17150645_20120912T1070621_B 17150645_20120912T151101_B0 heck 0 nalysis hed checks are carried out on the 0 at Set Descriptors wrt a pre-conditional set descriptor set descriptors wrt a pre-conditional set descriptor set d	d 14) for each mean 201 201 201 201 201 201 201 201	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check consists of both an XML header file of consists of both an XML header file of corder to identify any inconsistencies e and also to check the validity of Au	his flag indicates any provide the second se	echo has returned an error has not been corrected echo has returned an error has not been corrected has not been corrected has not been corrected has not been corrected by the ground-segment processing chain formert			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 5.1 L2 Product Format C Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defir Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: Product	Image: Second	d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 200	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check consists of both an XML header file (consists of both an XML header	his flag indicates any provide the second se	echo has returned an error nas not been corrected echo has returned an error nas not been corrected nas not been corrected has not been corrected product file (.DBL)			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_RAM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 5.1 L2 Product Format C Each product, retrieved and unpacke Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defir Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: Product CS_OFFL_SIR_GDR_2A_20120912	Image: Descriptors wrt a pre-coll 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2002 2001 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 20</td> <td>surement record. The bit value of the Test Failed TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check consists of both an XML header file (consists of both an XML header file (corder to identify any inconsistencies e and also to check the validity of Au (File OPER_AUX_ORBDOR_20120911</td> <td>his flag indicates any provide the second se</td> <td>echo has returned an error has not been corrected echo has returned an error has not been corrected has not been corrected has not been corrected broduct file (.DBL) by the ground-segment processing chain orrect Comment Coverage missing for intervals [2012-09-</td>	d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2002 2001 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 20	surement record. The bit value of the Test Failed TRK echo error Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing Attitude correction missing 2 Data Quality Check consists of both an XML header file (consists of both an XML header file (corder to identify any inconsistencies e and also to check the validity of Au (File OPER_AUX_ORBDOR_20120911	his flag indicates any provide the second se	echo has returned an error has not been corrected echo has returned an error has not been corrected has not been corrected has not been corrected broduct file (.DBL) by the ground-segment processing chain orrect Comment Coverage missing for intervals [2012-09-			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 5.1 L2 Product Format C Each product, retrieved and unpacke Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defir Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: Product CS_OFFL_SIR_GDR_2A_20120912	Image: Construct of the second of t	d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2002 2001 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 20	surement record. The bit value of the second structure	his flag indicates any point of the tracking The tracking The attitude for the tracking The attitude for the	echo has returned an error has not been corrected echo has returned an error has not been corrected has not been corrected has not been corrected broduct file (.DBL) by the ground-segment processing chain orrect Comment Coverage missing for intervals [2012-09-			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 5.1 L2 Product Format C Each product, retrieved and unpacke Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defir Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: Product CS_OFFL_SIR_GDR_2A_20120912	Image: Construct of the second of t	d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2002 2001 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 20	surement record. The bit value of the second structure	his flag indicates any point of the tracking The tracking The attitude for the tracking The attitude for the	echo has returned an error has not been corrected echo has returned an error has not been corrected has not been corrected has not been corrected broduct file (.DBL) by the ground-segment processing chain orrect Comment Coverage missing for intervals [2012-09-			
CS_OFFL_SIR_LRM_1B_20120912 4.5 L1B Measurement Co CryoSat L1B data includes a measu Number of products with errors: Product CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_LRM_1B_20120912 CS_OFFL_SIR_SAR_1B_20120912 CS_OFFL_SIR_SIN_1B_20120912 5.1 L2 Product Format C Each product, retrieved and unpacke Number of products with errors: 5.2 L2 Product Header A For all products, a series of pre-defir Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: Product CS_OFFL_SIR_GDR_2A_20120912 5.4 L2 Flagged Auxiliary Each product is checked to spot aux	confidence Data Check rement confidence flag word (field 6 17040807_20120912T042619_B 17070621_20120912T100845_B 17145916_20120912T100645_B 17145916_20120912T100645_B 17150645_20120912T100645_B 17150645_20120912T151101_B0 heck ad from the science server, is checce 0 nalysis need checks are carried out on thecce 0 ad set Descriptors wrt a pre-conce 1 21232643_20120913T010556_B Correction Error Checce iliary corrections flagged by the conce 2	d 14) for each mean 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2001 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 2002 20	surement record. The bit value of the second structure	is flag indicates any particular indicates any particular indicates any particular indicates any particular indicates and the attitude in the	echo has returned an error has not been corrected echo has returned an error has not been corrected has not been corrected has not been corrected broduct file (.DBL) by the ground-segment processing chain orrect Comment Coverage missing for intervals [2012-09-			

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

5

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	114	113	82	31	0
SIR_LRM_2	111	111	2	109	0
SIR_SAR_1B	69	68	0	68	0
SIR_SAR_2A	69	68	3	65	0
SIR_SIN_1B	89	89	0	89	0
SIR_SIN_2	89	89	0	89	0

6.1 QCC Errors 0

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_20120911T223820_20120912T001733_B001 CS_OFFL_SIR_GDR_2A_20120912T232643_20120913T010556_B001 CS OFFL SIR LRM 1B 20120912T034138 20120912T034144 B001 CS OFFL SIR SAR 1B 20120911T235936 20120912T000105 B001 CS_OFFL_SIR_SAR_2A_20120911T235936_20120912T000105_B001