





he SIRAL instrument configuration	for the day of acquisition is provi	ded below.			
IRAL instrument(s) in use:	SIRAL - A				
Star Tracker(s) in use:	Star Tracker 1				
		4. Level	1B Data Quality Check		
I.1 L1 Product Format C	heck				
ach product, retrieved and unpacke	ed from the science server, is che	ecked to ensure i	it consists of both an XML header file (.HDR) and a p	roduct file (.DBL).	
lumber of products with errors:	0				
4.2 L1B Product Header	Analysis				
for all products, a series of pre-defin	and checks are carried out on the	MPH and SPH i	in order to identify any inconsistencies and/or errors r	raised by the ground-segment processing chain	
lumber of products with errors:				alsed by the ground-segment processing chain.	
I.3 L1B Auxilary Data Fil	le Usage Check				
ach product is checked for missing	Data Set Descriptors wrt a pre-c	letermined baseli	ine and also to check the validity of Auxiliary Data Fil	es is correct.	
Number of products with errors:	0				
4.4 L1B Flagged Auxiliar	y Correction Error Ch	eck			
Each product is checked to spot aux	iliary corrections flagged by the g	ground-station pro	ocessing chain as missing or containing errors		
Number of products with errors:	4				
Product			Test Failed		
CS_OFFL_SIR_LRM_1B_20130128T054353_20130128T060102_B001 CS_OFFL_SIR_LRM_1B_20130128T175100_20130128T180813_B001			Dynamic atmosphere correction error		
	T175100 20130128T180813 B	001	Dynamic atmosphere correction error		
S_OFFL_SIR_LRM_1B_20130128 S_OFFL_SIR_SAR_1B_20130127 S_OFFL_SIR_SIN_1B_201301281	T235833_20130128T001746_B [115955_20130128T120135_B0	001	Dynamic atmosphere correction error Dynamic atmosphere correction error Dynamic atmosphere correction error		
	T235833_20130128T001746_B [115955_20130128T120135_B0	001	Dynamic atmosphere correction error		
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130127 CS_OFFL_SIR_SIN_1B_201301281 4.5 L1B Measurement Co	T235833_20130128T001746_B 115955_20130128T120135_B0 Onfidence Data Check	001 01	Dynamic atmosphere correction error	s any problems when set.	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130127 CS_OFFL_SIR_SIN_1B_201301281 4.5 L1B Measurement Co	T235833_20130128T001746_B 115955_20130128T120135_B0 Onfidence Data Check	001 01	Dynamic atmosphere correction error Dynamic atmosphere correction error	s any problems when set.	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIN_1B_201301281 4.5 L1B Measurement Co CryoSat L1B data includes a measure	T235833_20130128T001746_B I15955_20130128T120135_B0	001 01 d 14) for each me	Dynamic atmosphere correction error Dynamic atmosphere correction error	s any problems when set.	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130127 CS_OFFL_SIR_SIN_1B_20130127 4.5 L1B Measurement Co CryoSat L1B data includes a measu	T235833_20130128T001746_B [115955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0	001 01 d 14) for each me	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicate	s any problems when set.	
S_OFFL_SIR_LRM_1B_20130128 S_OFFL_SIR_SAR_1B_20130128 S_OFFL_SIR_SIN_1B_20130127 S_OFFL_SIR_SIN_1B_201301281 S_5 L1B Measurement Co CryoSat L1B data includes a measure number of products with errors: S_1 L2 Product Format C	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is check	001 01 d 14) for each me 5. Level	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicate		
S_OFFL_SIR_LRM_1B_20130128 S_OFFL_SIR_SAR_1B_20130128 S_OFFL_SIR_SIN_1B_20130127 S_OFFL_SIR_SIN_1B_201301281 S_5 L1B Measurement Co CryoSat L1B data includes a measure number of products with errors: S_1 L2 Product Format C	T235833_20130128T001746_B [115955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck	001 01 d 14) for each me 5. Level	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check		
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130127 CS_OFFL_SIR_SIN_1B_20130127 4.5 L1B Measurement Co CryoSat L1B data includes a measure Number of products with errors: 5.1 L2 Product Format C	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is che 0	001 01 d 14) for each me 5. Level	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check		
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130127 CS_OFFL_SIR_SIN_1B_20130127 4.5 L1B Measurement Co CryoSat L1B data includes a measure Number of products with errors: 5.1 L2 Product Format C Each product, retrieved and unpacked Number of products with errors: 5.2 L2 Product Header A	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is che 0 nalysis	001 01 d 14) for each me 5. Level ecked to ensure i	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check	inary product file (.DBL)	
S_OFFL_SIR_LRM_1B_20130128 S_OFFL_SIR_SAR_1B_20130128 S_OFFL_SIR_SIN_1B_20130127 S_OFFL_SIR_SIN_1B_201301281 I.5 L1B Measurement Co CryoSat L1B data includes a measu lumber of products with errors: S.1 L2 Product Format C Cach product, retrieved and unpacket lumber of products with errors: S.2 L2 Product Header A For all products, a series of pre-defin	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is che 0 nalysis	001 01 d 14) for each me 5. Level ecked to ensure i	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b	inary product file (.DBL)	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIN_1B_20130 CS_OFFL_SIR_SIN_1B_20130 CS_OFFL_SIN_1B_20130	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ed from the science server, is che 0 nalysis hed checks are carried out on the 0	001 01 d 14) for each me 5. Level ecked to ensure i	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b	inary product file (.DBL)	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIN_1B_20130127 CS_OFFL_SIR_SIN_1B_201301281 COMPARISON COMPARISO	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ed from the science server, is che 0 nalysis hed checks are carried out on the 0 2 Usage Check	001 01 d 14) for each me 5. Level ecked to ensure i	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b	inary product file (.DBL) raised by the ground-segment processing chain	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIR_SIN_1B_20130128 CS_OFFL_SIR_	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ed from the science server, is che 0 nalysis hed checks are carried out on the 0 2 Usage Check	001 01 d 14) for each me 5. Level ecked to ensure i	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r	inary product file (.DBL) raised by the ground-segment processing chain	
SS_OFFL_SIR_LRM_1B_20130128 SS_OFFL_SIR_SAR_1B_20130128 SS_OFFL_SIR_SIR_SIN_1B_20130127 SS_OFFL_SIR_SIN_1B_201301281 A.5 L1B Measurement Co CryoSat L1B data includes a measure lumber of products with errors: A.1 L2 Product Format C So.1 L2 Product Format C Cach product, retrieved and unpacked lumber of products with errors: A.2 L2 Product Header A For all products, a series of pre-define lumber of products with errors: A.3 L2 Auxiliary Data File Sach product is checked for missing lumber of products with errors:	T235833_20130128T001746_B T115955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is chr 0 nalysis hed checks are carried out on the 0 D Usage Check Data Set Descriptors wrt a pre-c	001 01 d 14) for each me 5. Level ecked to ensure i e MPH and SPH i letermined baseli	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r	inary product file (.DBL) raised by the ground-segment processing chain	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIR_SIN_1B_20130128 CS_OFFL_SIR_	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is che 0 nalysis hed checks are carried out on the 0 2 Usage Check Data Set Descriptors wrt a pre-c 2	2001 01 d 14) for each me 5. Level ecked to ensure i ecked to ensure i eMPH and SPH i letermined baseli eduction All ond C3	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r	inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment	
SS_OFFL_SIR_LRM_1B_20130128 SS_OFFL_SIR_SAR_1B_20130128 SS_OFFL_SIR_SIR_SIN_1B_20130128 4.5 L1B Measurement Co CryoSat L1B data includes a measure 1.1 L2 Product Format C 5.1 L2 Product Format C 5.1 L2 Product Format C 5.2 L2 Product Header A For all products, a series of pre-define 1.1 unber of products with errors: 5.3 L2 Auxiliary Data File 5.3 L2 Auxiliary Data File 5.5 JC 5.5 JC 5.7 L2 SIR_GDR_2A_20130127	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ed from the science server, is che 0 nalysis ned checks are carried out on the 0 Data Set Descriptors wrt a pre-c 2 T230742_20130128T004655_B	2001 01 d 14) for each me 5. Level ecked to ensure i	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r ine and also to check the validity of Auxiliary Data Fil UX File S_OPER_AUX_ORBDOR_20130126T215525_2013	inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment 0128T Coverage missing for intervals [2013-01- 28T00:23:25, 2013-01-28T00:46:55]	
S_OFFL_SIR_LRM_1B_20130128 S_OFFL_SIR_SAR_1B_20130128 S_OFFL_SIR_SIN_1B_201301281 I.5 L1B Measurement Co PryoSat L1B data includes a measure lumber of products with errors: S.1 L2 Product Format C S.1 L2 Product Format C S.2 L2 Product Header A For all products, a series of pre-define lumber of products with errors: S.3 L2 Auxiliary Data File S.3 L2 Auxiliary Data File S.5 CFFL_SIR_GDR_2A_20130128 S.5 OFFL_SIR_GDR_2A_20130128 S.5 OFFL_SIR_GDR_2A_20130128	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ed from the science server, is che 0 nalysis hed checks are carried out on the 0 Data Set Descriptors wrt a pre-c 2 T1230742_20130128T004655_B 8T235605_20130129T013518_B	2001 01 d 14) for each me 5. Level ecked to ensure i	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r in order to identify any inconsistencies and/or errors r ine and also to check the validity of Auxiliary Data Fil UX File S_OPER_AUX_ORBDOR_20130126T215525_2013 02325_0001 S_OPER_AUX_ORBDOR_20130127T215525_2013	inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment 01281 Coverage missing for intervals [2013-01-28T00:246:55] 01291 Coverage missing for intervals [2013-01-28T00:246:55]	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIR_SIN_1B_20130128 CS_OFFL_SIR_SIN_1B_20130128 CS_OFFL_SIR_SIN_1B_20130128 CS_OFFL_SIR_SIN_1B_20130128 CS_OFFL_SIR_CORE CS_OFFL_SIR_GDR_2A_20130128 CS_OFFL_SIR_SIR_GDR_2A_20130128 CS_OFFL_SIR_SIR_GDR_2A_20130128 CS_OFFL_SIR_SIR_SIR_SIR_SIR_SIR_SIR_SIR_SIR_SIR	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ed from the science server, is che 0 nalysis ned checks are carried out on the 0 Data Set Descriptors wrt a pre-c 2 T230742_20130128T004655_B ST235605_20130129T013518_B	D01 01 01 d 14) for each me 5. Level ecked to ensure i ecked to ensure i e MPH and SPH i letermined baseli 001 Ct 001 Ct Ck	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r ine and also to check the validity of Auxiliary Data Fil UX File S_OPER_AUX_ORBDOR_20130126T215525_2013 02325_0001 S_OPER_AUX_ORBDOR_20130127T215525_2013 02325_0001	inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment 01281 Coverage missing for intervals [2013-01-28T00:246:55] 01291 Coverage missing for intervals [2013-01-28T00:246:55]	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIR_SIN_1B_20130128 CTYPOSAT L1B Measurement CC CTYPOSAT L1B data includes a measure Number of products with errors: CS_OFFL_SIR_COLST CS_OFFL_SIR_COLST CS_OFFL_SIR_GDR_2A_20130128 CS_OFFL_SIR_SIR_GDR_2A_20130128 CS_OFFL_SIR_SIR_SIR_SIR_SIR_SIR_SIR_SIR_SIR_SIR	T235833_20130128T001746_B T15955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ed from the science server, is che 0 nalysis ned checks are carried out on the 0 Data Set Descriptors wrt a pre-c 2 T230742_20130128T004655_B ST235605_20130129T013518_B	D01 01 01 d 14) for each me 5. Level ecked to ensure i ecked to ensure i e MPH and SPH i letermined baseli 001 Ct 001 Ct Ck	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r in order to identify any inconsistencies and/or errors r ine and also to check the validity of Auxiliary Data Fil UX File S_OPER_AUX_ORBDOR_20130126T215525_2013 02325_0001 S_OPER_AUX_ORBDOR_20130127T215525_2013	inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment 01281 Coverage missing for intervals [2013-01-28T00:246:55] 01291 Coverage missing for intervals [2013-01-28T00:246:55]	
CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130127 CS_OFFL_SIR_SIN_1B_20130127 A.5 L1B Measurement Co CryoSat L1B data includes a measure Number of products with errors: 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-defire Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: CS_OFFL_SIR_GDR_2A_20130127 CS_OFFL_SIR_GDR_3A_20130127 CS_OFFL_SIR_GDR_3A_20130127 CS_OFFL_SIR_GDR_3A_20130127 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_GDR_3A_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_OFFL_SIR_SCA_30 CS_	T235833_20130128T001746_B T115955_20130128T120135_B0 Donfidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is chr 0 nalysis hed checks are carried out on the 0 Data Set Descriptors wrt a pre-c 2 T230742_20130128T004655_B 3T235605_20130129T013518_B Correction Error Chee illary corrections flagged by the g	D01 01 01 d 14) for each me 5. Level ecked to ensure i ecked to ensure i e MPH and SPH i letermined baseli 001 Ct 001 Ct Ck	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r in order to identify any inconsistencies and/or errors r ine and also to check the validity of Auxiliary Data File S_OPER_AUX_ORBDOR_20130126T215525_2013 02325_0001 S_OPER_AUX_ORBDOR_20130127T215525_2013 02325_0001	inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment 01281 Coverage missing for intervals [2013-01-28T00:246:55] 01291 Coverage missing for intervals [2013-01-28T00:246:55]	
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CS_OFFL_SIR_LRM_1B_20130128 CS_OFFL_SIR_SAR_1B_20130128 CS_OFFL_SIR_SIR_SIN_1B_20130128 A.5 L1B Measurement CC CryoSat L1B data includes a measure Number of products with errors: 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-defire Number of products with errors: 5.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: 7.3 L2 Auxiliary Data File Each product is checked for missing Number of products with errors: 7.3 L2 Flagged Auxiliary Each product is checked to spot aux Number of products with errors: 7.4 L2 Flagged Auxiliary Each product is checked to spot aux Number of products with errors: 7.5 A L2 Flagged Auxiliary Each product is checked to spot aux Number of products with errors: 7.5 A L2 Flagged Auxiliary Each product is checked to spot aux Number of products with errors: 7.5 A L2 Flagged Auxiliary Each product is checked to spot aux Number of products with errors: 7.5 A L2 Flagged Auxiliary Each product is checked to spot aux Aumber of products with errors: 7.5 A L2 Flagged Auxiliary Each product is checked to spot aux Aumber of products with errors: 7.5 A L2 Flagged Auxiliary Each product is checked to spot aux Aumber of products with errors: 7.5 A L2 Flagged Auxiliary File	T235833_20130128T001746_B T15955_20130128T120135_B0 confidence Data Check rement confidence flag word (fiel 0 heck ad from the science server, is check 0 nalysis ned checks are carried out on the 0 ad growthe science server, is check 0 nalysis ned checks are carried out on the 0 ad growthe science server, is check 0 ad growthe science server, is check 0 10 ad growthe science server, is check 0 10 10 115952_20130128T004665_B 11605_20130128T004665_B 117230742_20130128T004665_B 11001_2010128T004665_B 11101_11111111111111111111111111111111	2001 01 01 5. Level ecked to ensure i ecked to ensure i <t< td=""><td>Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r in order to identify any inconsistencies and/or errors r ine and also to check the validity of Auxiliary Data File S_OPER_AUX_ORBDOR_20130126T215525_2013 02325_0001 S_OPER_AUX_ORBDOR_20130127T215525_2013 02325_0001</td><td>inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment 01281 Coverage missing for intervals [2013-01-28T00:246:55] 01291 Coverage missing for intervals [2013-01-28T00:246:55]</td></t<>	Dynamic atmosphere correction error Dynamic atmosphere correction error easurement record. The bit value of this flag indicates 2 Data Quality Check it consists of both an XML header file (.HDR) and a b in order to identify any inconsistencies and/or errors r in order to identify any inconsistencies and/or errors r ine and also to check the validity of Auxiliary Data File S_OPER_AUX_ORBDOR_20130126T215525_2013 02325_0001 S_OPER_AUX_ORBDOR_20130127T215525_2013 02325_0001	inary product file (.DBL) raised by the ground-segment processing chain es is correct Comment 01281 Coverage missing for intervals [2013-01-28T00:246:55] 01291 Coverage missing for intervals [2013-01-28T00:246:55]	

5.5 L2 Measurement Quality Flag Check

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

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

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

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

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

Number of products with errors:

Test Failed	Description
Peakiness error	There is an error in the peakiness derivation

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	18	16	0	16	0
SIR_LRM_1B	156	156	120	36	0
SIR_LRM_2	152	152	1	151	0
SIR_SAR_1B	166	165	0	165	0
SIR_SAR_2A	124	123	3	120	0
SIR_SIN_1B	102	102	0	102	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:

Product name

CS_OFFL_SIR_GDR_2A_20130127T230742_20130128T004655_B001

0

3

CS_OFFL_SIR_SAR_1B_20130127T235833_20130128T001746_B001

CS_OFFL_SIR_SAR_2A_20130127T235833_20130128T001746_B001