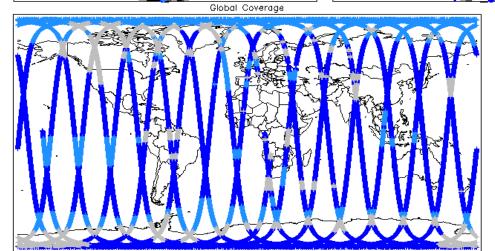


the ACTINE data - ----

07/07/2042

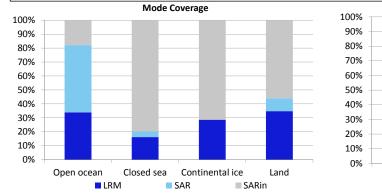


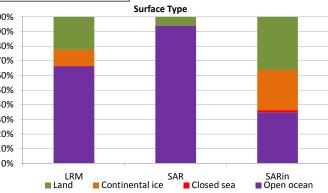
		1. Overview	
	Γ	Check	Status
		Server check: science-pds.cryosat.esa.int	Nominal
		Server check: calval-pds.cryosat.esa.int	Nominal
		Product Software Check	Nominal
an art Draduction Deter	11 lun 2012	Product Format Check	Nominal
Report Production Date:	11-Jun-2013	Product Header Analysis	Nominal
Data Usadi	OFFLINE L1B and L2 Science	Auxiliary Data File Usage	Nominal
Data Used:	Data	Auxiliary Correction Check	See Section 4.4 and 5.4
		Measurement Data Set Check	See Section 4.5
ssion / Instrument News			
06-Jul-2012 None			
07-Jul-2012 None			
08-Jul-2012 Nothing plann	ed		
		2. Global Coverage	
Global C	overage (north pole view)	Global Coverage (south	pole view)
A Contraction of the second se			
		/    <b>\{    \[</b>	



Mo	lode Coverage(%)				
	LRM	66.			

<b>SAR</b> 19.	
	.35
<b>SIN</b> 13.	.70





		3. Instrument Configur	ation
ne SIRAL instrument configuration f	or the day of acquisition is provide	ed below.	
RAL instrument(s) in use:	SIRAL - A		
Star Tracker(s) in use:	Star Tracker 2		
		4. Level 1B Data Quality	Check
1 L1 Product Format Ch	ıeck		
ach product, retrieved and unpacke	d from the science server, is chec	ked to ensure it consists of both an XML h	eader file (.HDR) and a product file (.DBL).
umber of products with errors:	0		
2 L1B Product Header A	Analysis		
or all products, a series of pre-define	ed checks are carried out on the N	MPH and SPH in order to identify any incor	sistencies and/or errors raised by the ground-segment processing chain.
umber of products with errors:	0		
3 L1B Auxilary Data File	e Usage Check		
		termined baseline and also to check the va	lidity of Auxiliary Data Files is correct.
Imber of products with errors:	0		
4 L1B Flagged Auxiliary		ck	
		ound-station processing chain as missing c	r containing errors
mber of products with errors:	3		
oduct	5	Test Failed	
Juuci			
OFFL SIR LRM 1B 20120707	T054616 20120707T060755 B00		correction error
S_OFFL_SIR_LRM_1B_201207077     S_OFFL_SIR_LRM_1B_201207077     S_OFFL_SIR_LRM_1B_201207077	T115852_20120707T120407_B00 T175149_20120707T180130_B00 nfidence Data Check	01 Dynamic atmosphere 01 Dynamic atmosphere	correction error
S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 <b>5 L1B Measurement Co</b> yoSat L1B data includes a measure <b>imber of products with errors:</b> <b>oduct</b> S_OFFL_SIR_LRM_1B_20120707	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00	01     Dynamic atmosphere       01     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       01     TRK echo error	correction error
S-OFFL_SIR_LRM_1B_20120707 S-OFFL_SIR_LRM_1B_20120707 <b>5 L1B Measurement Co</b> yoSat L1B data includes a measure imber of products with errors: oduct S-OFFL_SIR_LRM_1B_20120707 S-OFFL_SIR_LRM_1B_20120707	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T133052_B00	01     Dynamic atmosphere       01     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       01     TRK echo error       01     TRK echo error	correction error correction error value of this flag indicates any problems when set.
S-OFFL_SIR_LRM_1B_20120707 S-OFFL_SIR_LRM_1B_20120707 <b>5 L1B Measurement Co</b> yoSat L1B data includes a measure imber of products with errors: oduct S-OFFL_SIR_LRM_1B_20120707 S-OFFL_SIR_LRM_1B_20120707	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T133052_B00	01     Dynamic atmosphere       01     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       01     TRK echo error       01     TRK echo error	correction error correction error value of this flag indicates any problems when set.            Description           The tracking echo has returned an error
S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 <b>5 L1B Measurement Co</b> yoSat L1B data includes a measure <b>imber of products with errors:</b> <b>oduct</b> S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193805_B00 T193018_20120707T193807_B00	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error	correction error correction error value of this flag indicates any problems when set.            Description           The tracking echo has returned an error
S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 5 L1B Measurement Co yoSat L1B data includes a measure umber of products with errors: oduct S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 1 L2 Product Format Ch	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T133052_B00 T193018_20120707T193807_B00 Ineck	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error       D1     TRK acho error       D1     TRK acho error	correction error correction error value of this flag indicates any problems when set.            Description           The tracking echo has returned an error
S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 <b>5 L1B Measurement Co</b> yoSat L1B data includes a measure <b>imber of products with errors:</b> <b>oduct</b> S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 <b>5</b> _OFFL_SIR_LRM_1B_201207077 <b>1 L2 Product Format Cf</b> ich product, retrieved and unpacked	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T133052_B00 T193018_20120707T193807_B00 Ineck	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error       D1     TRK acho error       D1     TRK acho error	correction error correction error value of this flag indicates any problems when set.            Description           The tracking echo has returned an error           Check
SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 5 L1B Measurement Co yoSat L1B data includes a measure imber of products with errors: oduct SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 DOFFL_SIR_LRM_1B_201207077 CorFL_SIR_LRM_1B_201207077 CorFL_SIR_LRM_1B_201207077 CorFL_SIR_LRM_1B_201207077 CorFL_SIR_LRM_1B_201207077 CorFL_SIR_LRM_1B_201207077	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193805_B00 T193018_20120707T193807_B00 Ineck d from the science server, is checc 0	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error       D1     TRK echo error       D1     TRK acho error       D1     TRK acho error	correction error correction error value of this flag indicates any problems when set.            Description           The tracking echo has returned an error           Check
SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 5 L1B Measurement Co yoSat L1B data includes a measure imber of products with errors: oduct SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 DFFL_SIR_LRM_1B_201207077 1 L2 Product Format CP ich product, retrieved and unpacket imber of products with errors: 2 L2 Product Header Ar	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 Ineck d from the science server, is chec 0 nalysis	01     Dynamic atmosphere       01     Dynamic atmosphere       01     Dynamic atmosphere       14) for each measurement record. The bit       15       16       17       17       18       19       19       10       11       11       12       13       14       14       15       16       17       17       18       19       19       11       11       11       11       11       11       12       13       14       14       15       16       16       17       18       18       19       19       11       11       11       12       13       14          14	correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)
S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 <b>5 L1B Measurement Co</b> yoSat L1B data includes a measure umber of products with errors: oduct S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 <b>1 L2 Product Format Ch</b> ich product, retrieved and unpacked umber of products with errors: <b>2 L2 Product Header Ar</b> r all products, a series of pre-define	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 Ineck d from the science server, is chec 0 nalysis	01     Dynamic atmosphere       01     Dynamic atmosphere       01     Dynamic atmosphere       14) for each measurement record. The bit       15       16       17       17       18       19       19       10       11       11       12       13       14       14       15       16       17       17       18       19       19       11       11       11       11       11       11       12       13       14       14       15       16       16       17       18       18       19       19       11       11       11       12       13       14          14	correction error correction error value of this flag indicates any problems when set.            Description           The tracking echo has returned an error           Check
SofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207077 CofFL_SIR_LRM_1B_20120707 CofFL_SIR_LRM_1B_20120707 CofFL_SIR_LRM_1B_2007 CofFL_SIR_LRM_1B_2007 COFFL_SIR_LRM_1B_2007 COFFL_SIR_	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 Ineck d from the science server, is chec 0 nalysis ed checks are carried out on the M	01     Dynamic atmosphere       01     Dynamic atmosphere       01     Dynamic atmosphere       14) for each measurement record. The bit       15       16       17       17       18       19       19       10       11       11       12       13       14       14       15       16       17       17       18       19       19       11       11       11       11       11       11       12       13       14       14       15       16       16       17       18       18       19       19       11       11       11       12       13       14          14	correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)
SofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207071 CofFL_SIR_LRM_1B_201207077 CofFL_SIR_LRM_1B_2012077 CofFL_SIR_LRM_1B_2012077 CofFL_SIR_LRM_1B_2077 CofFL_SIR_LRM_1B_2077 COFFL_S	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 neck d from the science server, is chec 0 nalysis ed checks are carried out on the M 0 Usage Check	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       14) for each measurement record. The bit       Test Failed       D1     TRK echo error	correction error correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         The tracking echo has returned an error         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)         sistencies and/or errors raised by the ground-segment processing chain
SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_200777 SOFFL_SIR_LRM_1B_200777 SOFFL_SIR_LRM_1B_200777 SOFFL_SIR_LRM_1B_200777 SOFFL_SIR_LRM_1B_200777 SOFFL_SIR_LRM_1B_20777 SOFFL_SIR_LRM_1B_2077	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 neck d from the science server, is chec 0 nalysis ed checks are carried out on the M 0 Usage Check	01     Dynamic atmosphere       01     Dynamic atmosphere       01     Dynamic atmosphere       14) for each measurement record. The bit       15       16       17       17       18       19       19       10       11       11       12       13       14       14       15       16       17       17       18       19       19       11       11       11       11       11       11       12       13       14       14       15       16       16       17       18       18       19       19       11       11       11       12       13       14          14	correction error correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         The tracking echo has returned an error         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)         sistencies and/or errors raised by the ground-segment processing chain
SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 COFFL_SIR_LRM_1B_201207077 L2 Product Format CP ch product, retrieved and unpacked mber of products with errors: 2 L2 Product Header Ar r all products, a series of pre-defined mber of products with errors: 3 L2 Auxiliary Data File ch product is checked for missing I mber of products with errors:	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 Ineck d from the science server, is chec 0 nalysis ed checks are carried out on the M 0 Usage Check Data Set Descriptors wrt a pre-der 0	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       14) for each measurement record. The bit       D1     TRK echo error       S. Level 2 Data Quality (	correction error correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         The tracking echo has returned an error         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)         sistencies and/or errors raised by the ground-segment processing chain
S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_20077 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LRM_1B_200	T115852_2012070TT120407_B00 T175149_2012070TT180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 Ineck d from the science server, is chec 0 Inalysis ed checks are carried out on the M 0 Usage Check Data Set Descriptors wrt a pre-de 0 Correction Error Check	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       14) for each measurement record. The bit       D1     TRK echo error       S. Level 2 Data Quality (	correction error correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)         sistencies and/or errors raised by the ground-segment processing chain         lidity of Auxiliary Data Files is correct
S_OFFL_SIR_LRM_1B_201207071 S_OFFL_SIR_LRM_1B_201207071 S_OFFL_SIR_LRM_1B_201207071 S_OFFL_SIR_LRM_1B_201207071 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_20120777 S_OFFL_SIR_LRM_1B_20120777 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LRM_1B_200777 S_OFFL_SIR_LR	T115852_2012070TT120407_B00 T175149_2012070TT180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 T193018_20120707T193807_B00 Ineck d from the science server, is chec 0 Inalysis ed checks are carried out on the M 0 Usage Check Data Set Descriptors wrt a pre-de 0 Correction Error Check	Dynamic atmosphere       Dynamic	correction error correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)         sistencies and/or errors raised by the ground-segment processing chain         lidity of Auxiliary Data Files is correct
SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 SOFFL_SIR_LRM_1B_201207077 COFFL_SIR_LRM_1B_20120707 COFFL_SIR_LRM_1B_201207 COFFL_SIR_LRM_1B_201207 COFFL_SIR_LRM_1B_201207 COFFL_SIR_LR	T115852_2012070TT120407_BOC T175149_2012070TT180130_BOC Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_BOC T125437_20120707T193807_BOC T193018_20120707T193807_BOC Ineck d from the science server, is chec 0 nalysis ed checks are carried out on the N 0 Usage Check Data Set Descriptors wrt a pre-def 0 Correction Error Check liary corrections flagged by the gro	Dynamic atmosphere       Dynamic	correction error correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)         sistencies and/or errors raised by the ground-segment processing chain         lidity of Auxiliary Data Files is correct         r containing errors
S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_2_201207077 S_OFFL_SIR_LRM_2_201207077	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 Ineck d from the science server, is chec 0 nalysis ed checks are carried out on the N 0 Usage Check Data Set Descriptors wrt a pre-der 0 Correction Error Check liary corrections flagged by the gro 4	Dynamic atmosphere       Dynamic atmosphere       Dynamic atmosphere       Dynamic atmosphere       Dynamic atmosphere       Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       D1     TRK echo error       State of the ensure it consists of both an XML her       WPH and SPH in order to identify any incor       termined baseline and also to check the value       cound-station processing chain as missing of       Test Failed       Dynamic atmosphere	correction error correction error correction error value of this flag indicates any problems when set.           Description         The tracking echo has returned an error         The tracking echo has returned an error         The tracking echo has returned an error         Check         eader file (.HDR) and a binary product file (.DBL)         sistencies and/or errors raised by the ground-segment processing chain         lidity of Auxiliary Data Files is correct         or containing errors
S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_20120707 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_LRM_1B_201207077 S_OFFL_SIR_VALUE S_OFFL_SIR_LRM_1B_201207071 S_OFFL_SIR_LRM_2_201207071 S_OFFL_SIR_LRM_2_201207071 S_OFFL_SIR_LRM_2_201207071	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 I193018_20120707T193807_B00 Ineck d from the science server, is chec 0 Inalysis ed checks are carried out on the N 0 Usage Check Data Set Descriptors wrt a pre-der 0 Correction Error Check liary corrections flagged by the gro 4 T054616_20120707T10607555_B00 T115852_2012070TT120407_B00	Dynamic atmosphere       Dynamic atmosphere       Dynamic atmosphere       Dynamic atmosphere       Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       D1     TRK echo error       Steed to ensure it consists of both an XML her       WPH and SPH in order to identify any incor       termined baseline and also to check the var       Cound-station processing chain as missing conduct at mosphere       Dynamic atmosphere       Dynamic atmosphere	correction error correc
<ul> <li>Jumber of products with errors:</li> <li>Product</li> <li>CS_OFFL_SIR_LRM_1B_20120707</li> <li>CS_OFFL_SIR_LRM_1D</li></ul>	T115852_20120707T120407_B00 T175149_20120707T180130_B00 Infidence Data Check ement confidence flag word (field 3 T080014_20120707T081655_B00 T125437_20120707T193807_B00 I193018_20120707T193807_B00 Ineck d from the science server, is check 0 Inalysis ed checks are carried out on the M 0 Usage Check Data Set Descriptors wrt a pre-der 0 Correction Error Check liary corrections flagged by the grow 4 T054616_20120707T12040755_B00 T115852_20120707T120407_B00 T15149_20120707T180130_B00	D1     Dynamic atmosphere       D1     Dynamic atmosphere       D1     Dynamic atmosphere       14) for each measurement record. The bit       Test Failed       D1     TRK echo error       St. Level 2 Data Quality (Structure)       WPH and SPH in order to identify any incor       termined baseline and also to check the value       cound-station processing chain as missing conducted by the structure of	correction error correc

## 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

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	15	0	15	0
SIR_LRM_1B	121	120	96	24	0
SIR_LRM_2	121	120	1	119	0
SIR_SAR_1B	86	86	0	86	0
SIR_SAR_2A	86	86	5	81	0
SIR_SIN_1B	103	104	0	104	0
SIR_SIN_2	103	103	0	103	0

## 6.1 QCC Errors

Number of products with QCC errors:

## 6.2 Missing QCC Reports

Number of products with missing QCC reports: 0