



HerdMASTER 4

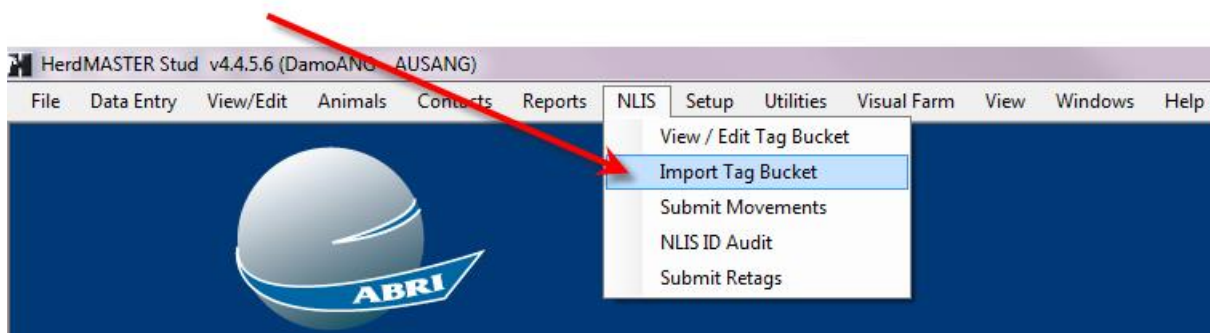
NLIS Integration

CONTENTS

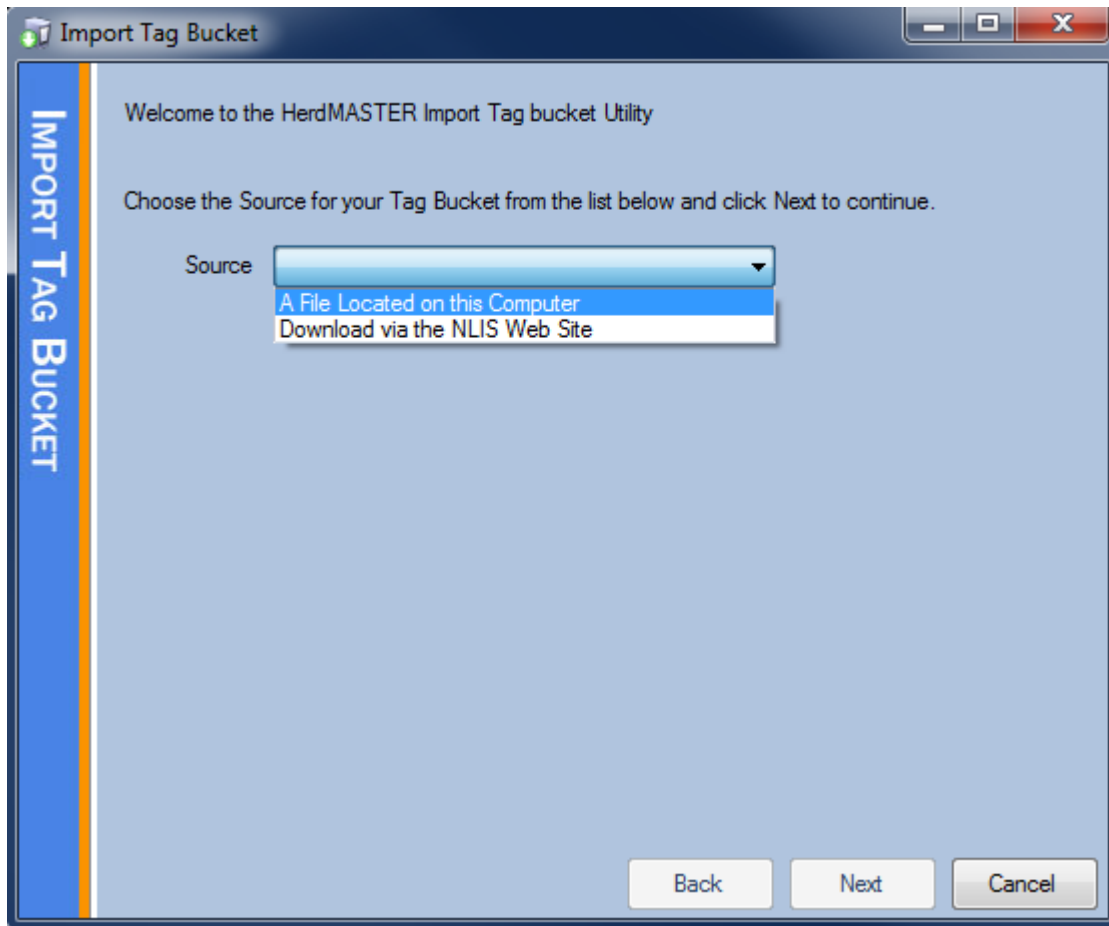
Importing your NLIS Tags.....	2
Downloading Directly from NLIS.....	3
Import from a File.....	4
Import Options	4
Using the NLIS Audit	6
Audit Example: match up a National ID to an EID	6
View/Edit TagBucket.....	8
Submitting Movements	9
Offline Submission	9
Online Submission	10
Submitting Animals from the movements Table	11
Submitting Animals Manually.....	11
Submit from Sales.....	12
Submitting	12
Submitting Retags.....	14

IMPORTING YOUR NLIS TAGS

In the **NLIS** menu you will see the **Import Tag Bucket** item, hit this to import an NLIS tagbucket.

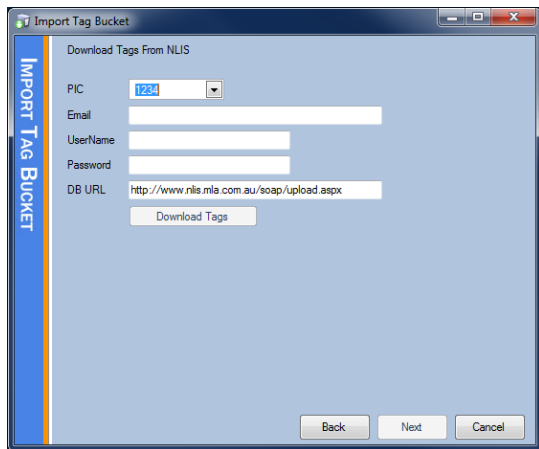


Then you have the option of selecting how you want to import the tags into your list. Choose either **A file located on this computer** if you have downloaded a tagbucket file or **Download via the NLIS web site**.



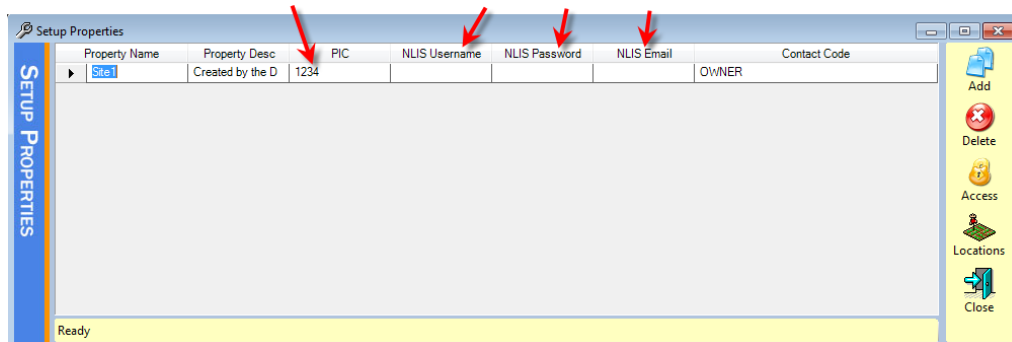
DOWNLOADING DIRECTLY FROM NLIS

If you have not setup your NLIS information in your Property setup it will look something like below:



You can now enter the information you used to register on the NLIS website and hit the **next** button.

If you wish to have your details entered automatically, then you can do this on your property in **Setup | Properties | Setup Properties** as seen below:



In this fashion you can have a unique NLIS identity for each property and depending on which property you are working on within HerdMASTER different tags will import.

After entering your details you can hit the **next** button and any tags assigned to you by NLIS that are not already in HerdMASTER will download.

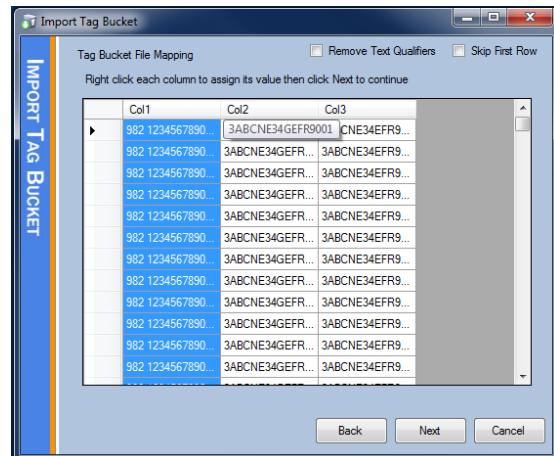
See the **Import Options** section to continue.

IMPORT FROM A FILE

Once you have hit the Import **from a file located on this computer** then you select the file and the file mapping window opens.

Similar to the UFIU mapping window you can allocate what data is held in which column by right clicking the Col1, Col2 etc buttons and selecting the data contained.

	Col1	Col2	Col3
▶	982 1234567890...	3ABCNE34GEFR...	3ABCNE34EFR9...
	982 123	Electronic ID	3ABCNE34EFR9...
	982 123	NLIS ID	3ABCNE34EFR9...
	982 123	Animal Tag	3ABCNE34EFR9...
	982 1234567890...	3ABCNE34GEFR	3ABCNE34EFR9



Electronic ID, NLIS ID and Animal Tag all have to be assigned to a column, the animal tag column should look like the NLIS ID column (in the next part we will tell HerdMASTER to generate recommended tags based on the national ID).

Once these have been assigned hit the **Next** button.

IMPORT OPTIONS

Once you have imported your tags the import options windows will display.

This area allows you to tell HerdMASTER to alter what to recommended for the VID or animal tag for each electronic tag, this means you can easily setup your tags so that the animal assigned to it has the corresponding year letter and number in HerdMASTER that it does on its' tag.

This can make life a lot easier when one of the tags gets rubbed off and can make assigning tags to an animal much simpler.

In the example above I have a national ID of 3ABCNE34GEFR9001, by using the Generate VID using last 5 digits of national ID and remove one of the digits the recommended tag (VID) becomes R001. I can use this later to automatically assign an electronic ID and National ID to an animal with the corresponding tag. (see image at bottom of section)

Options include:

The screenshot shows the 'Import Tag Bucket' dialog box with the following callout boxes:

- Generate recommended VID using the NID**: Points to the 'Generate VID using last 6 characters of National ID' option.
- Use the last x characters of the NID for recommended VID**: Points to the '6' in the spinner box.
- Trim the first x numbers from the start of the VID**: Points to the 'Remove 0 digits' spinner box.
- Run the NLIS Audit afterword**: Points to the 'Run an NLIS Audit when this Wizard finishes' checkbox.
- Trim any spaces out of the VID**: Points to the 'Trim Spaces' checkbox.

The 'Preview Import File' table is as follows:

NLIS Tag List 199 Records		
EID	National ID	VID
982 123456789001	3ABCNE34GEFR9001	3ABCNE34EFR9001
982 123456789002	3ABCNE34GEFR9002	3ABCNE34EFR9002
982 123456789003	3ABCNE34GEFR9003	3ABCNE34EFR9003
982 123456789004	3ABCNE34GEFR9004	3ABCNE34EFR9004
982 123456789005	3ABCNE34GEFR9005	3ABCNE34EFR9005
982 123456789006	3ABCNE34GEFR9006	3ABCNE34EFR9006
982 123456789007	3ABCNE34GEFR9007	3ABCNE34EFR9007
982 123456789008	3ABCNE34GEFR9008	3ABCNE34EFR9008
982 123456789009	3ABCNE34GEFR9009	3ABCNE34EFR9009

The VID column shows what the recommended animal tag will become for the TagBucket record associated with that electronic tag. This is useful when you want to use the NLIS Audit function extensively to allocate which tag to which animal and helps HerdMASTER determine if the tag has been assigned correctly.

Correct EID formatting option based on your region changes the format of the EID for countries outside Australia.

The handle tags purchased out of season option will use the year you bought the tag for not the year it was actually bought. (eg. You bought some tags in 2015 for 2014 animals. You identify this to your supplier and this option will use 2014 for the year letter instead of 2015's year letter)

As you alter the options the VID (Recommended Animal Tag) will change, showing an example of what you will get at the end.

To the right see the example where we use the last 5 characters of the NID and trim 1 digit:

The 'Preview Import File' table in this screenshot is as follows:

NLIS Tag List 199 Records		
EID	National ID	VID
982 123456789001	3ABCNE34GEFR9001	R001
982 123456789002	3ABCNE34GEFR9002	R002
982 123456789003	3ABCNE34GEFR9003	R003

!! IMPORTANT NOTE !!

If you do not use the recommended tag for the animal assigned, the NLIS Audit will always show that animal in orange as a warning that the tag may not be correctly assigned.

Hit the **Next** button to finalise the import.

USING THE NLIS AUDIT

The NLIS Audit Tool is a powerful way of verifying and assigning the correct Electronic Tag and national ID to the correct animal. You can use it to compare EID to National ID to make sure they have been assigned correctly, you can check again for Animal Tag against the recommended VID tag.

!! IMPORTANT NOTE !!

Whenever doing something that may alter your database significantly always make a backup first, this way if anything goes wrong you can always go back to just before the problem.

This system is especially useful to pair up the national ID to electronic ID's if you have imported the EID through the Crush Side Recorder or an imported file. I use this situation in the example below, please see the other tip sheets on doing the other audits.

AUDIT EXAMPLE: MATCH UP A NATIONAL ID TO AN EID

So let's say you have imported a list of animals with their electronic ID associated or have already input the EID for each animal, it looks a little like below.

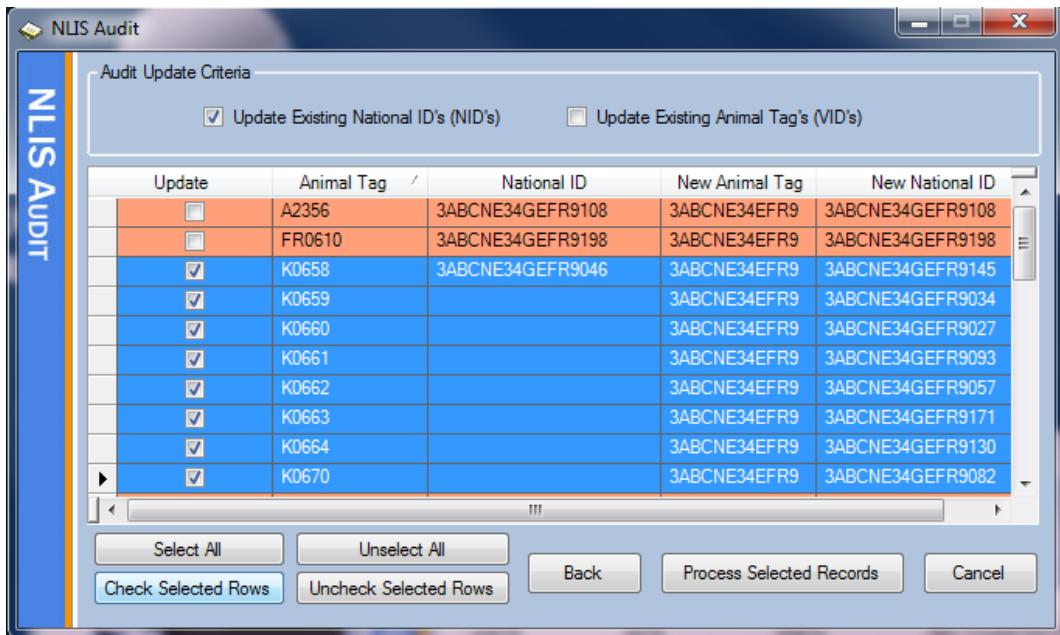
	A	B
1	EID	Animal Tag
2	982 123456789148	K0677
3	982 123456789038	K0676
4	982 123456789180	K0675
5	982 123456789174	K0674
6	982 123456789111	K0673
7	982 123456789107	K0672
8	982 123456789041	K0671
9	982 123456789082	K0670
10	982 123456789130	K0664
11	982 123456789171	K0663
12	982 123456789057	K0662
13	982 123456789093	K0661
14	982 123456789027	K0660
15	982 123456789034	K0659
16	982 123456789145	K0658

To match up and assign the National ID to each animal follow the steps below:

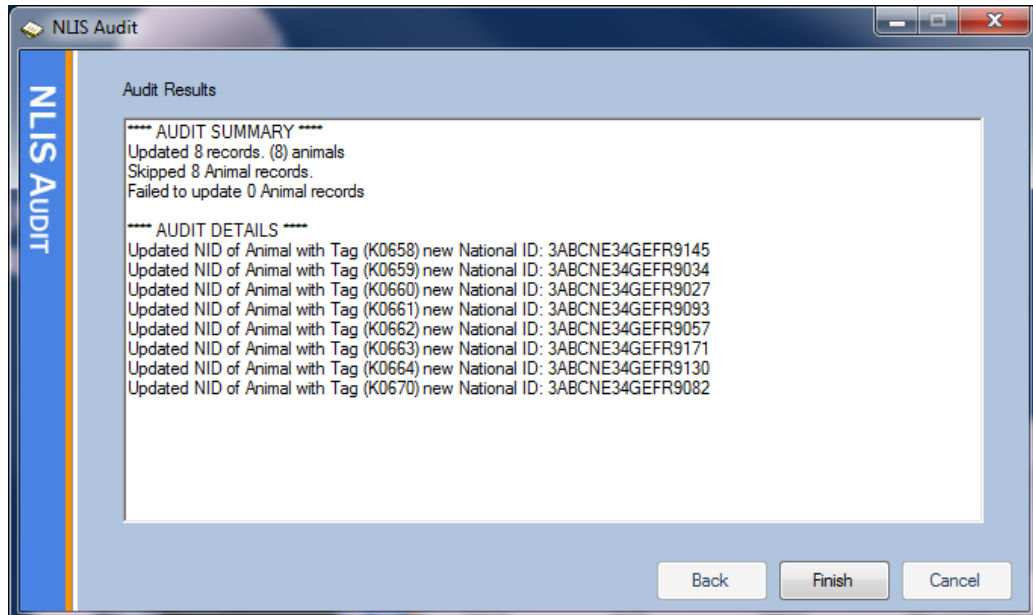
1. Run the NLIS Audit, in the fields to match, because our animal already has an EID assigned select the EID. If we were going on recommended tag you would use animal tag to match up.
2. In the next window any animals that **HerdMASTER thinks** have not been assigned properly will come up in orange, select the animals you wish to update by clicking and dragging on the box to the left of the animal tag then hit the **Check Selected Rows** button at the bottom left of the window and a check will appear in the list.

!! IMPORTANT NOTE !!

Just because HerdMASTER thinks they have been assigned incorrectly is not always the case, if the recommended tag differs from the tag assigned for the electronic tag it will also display in orange.



3. As you can see, the window displays what the new national ids and animal tags will be, now we do not want to touch our animal tags, but we want to update our NIDs, so hit the checkbox at the top **Update Existing National IDs (NIDs)**.
4. Hit the **Process Selected Records** button to update your national IDs.
5. A window that shows the operation results appears



6. Now the national ID that was in our tag bucket is now associated with the animal that had the relevant electronic ID.

VIEW/EDIT TAGBUCKET

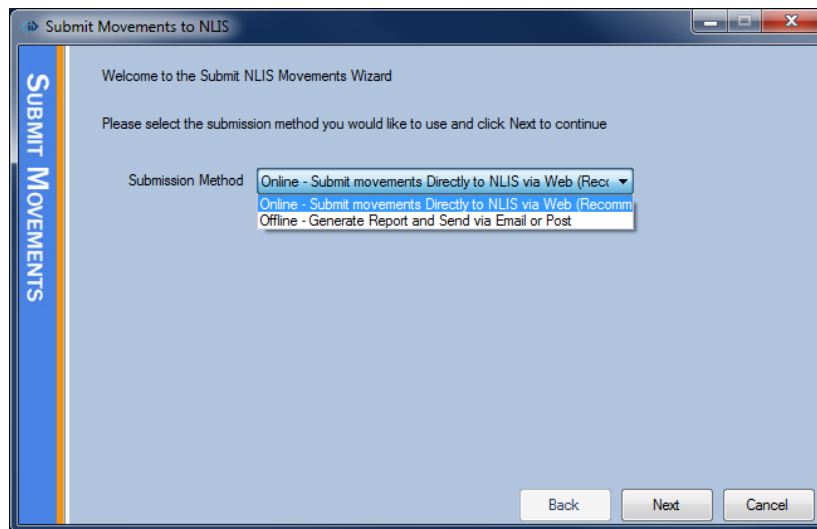
You can use this feature to see all your tags and which animal they are assigned to, you may also assign a tag to a particular animal by hitting the square button on the right of the animal tag column. You may then pick from a list of all your animals on that property.

EID	National ID	Suggested Tag	Animal Tag
982 123456789046	3ABCNE34GEFR9046	K0658	K0658
982 123456789108	3ABCNE34GEFR9108	3ABCNE34EFR9	A2356
982 123456789052	3ABCNE34GEFR9052	3ABCNE34EFR9	
982 123456789076	3ABCNE34GEFR9076	3ABCNE34EFR9	
982 123456789179	3ABCNE34GEFR9179	3ABCNE34EFR9	
982 123456789128	3ABCNE34GEFR9128	3ABCNE34EFR9	
982 123456789198	3ABCNE34GEFR9198	3ABCNE34EFR9	FR0610
982 123456789120	3ABCNE34GEFR9120	3ABCNE34EFR9	
982 123456789148	3ABCNE34GEFR9148	3ABCNE34EFR9	
982 123456789038	3ABCNE34GEFR9038	3ABCNE34EFR9	
982 123456789180	3ABCNE34GEFR9180	3ABCNE34EFR9	
982 123456789174	3ABCNE34GEFR9174	3ABCNE34EFR9	
982 123456789111	3ABCNE34GEFR9111	3ABCNE34EFR9	
982 123456789107	3ABCNE34GEFR9107	3ABCNE34EFR9	
982 123456789041	3ABCNE34GEFR9041	3ABCNE34EFR9	
982 123456789082	3ABCNE34GEFR9082	3ABCNE34EFR9	

You may also use the delete button on the right to delete selected TagBucket records.

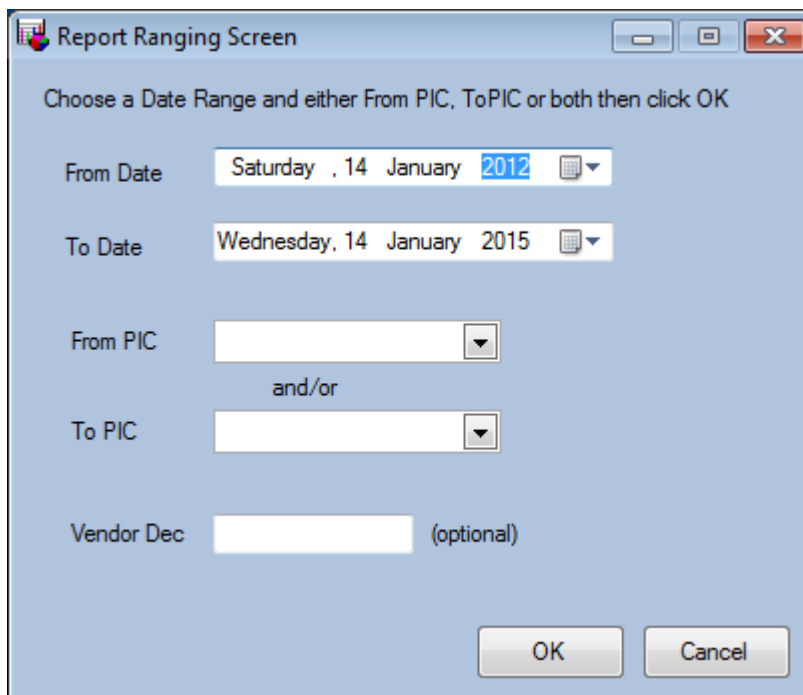
SUBMITTING MOVEMENTS

There are two options on how to submit animal movements to NLIS, online and offline, select the most appropriate for you.



OFFLINE SUBMISSION

The Next window lets you select various options to narrow down which animals you wish to submit. You must use a from and to date and at least one PIC number.



This will generate a report based on all movements that fit the criteria set in this window that you may then print or save.

ONLINE SUBMISSION

The next window lets you select how you want to find the animals to submit: from the movements table, manually specifying the movement or from animal sales.

Submit Movements to NLIS

Specify Animal Selection Method

Please choose the way you would like to select animal movements to send to NLIS

Selection Method

- Select Animals from Animal Sales
- Select Movement Records from the Movements Table
- Select Animals to move and manually specify movement details
- Select Animals from Animal Sales

Back Next Cancel

Select which process to use and find the appropriate subsection below.

- [Select Movement Records from the Movements Table](#)
This is most appropriate when you have already entered movements into HerdMASTER and just want to submit ones done on a single day.
- [Select Animals to move and manually specify movement details](#)
This method is appropriate if you don't have sales or movements logged in HerdMASTER yet and you wish to just manually select the animals using worksheets and filters.
- [Select Animals from Animal Sales](#)
If you have already logged Animal Sales in HerdMASTER then this is the best method for sending the information to NLIS as it already contains all the details needed.

SUBMITTING ANIMALS FROM THE MOVEMENTS TABLE

Submit Movements to NLIIS

Select Movements to Submit

Please use the selection tools below to filter the list of movements, then select the rows you wish to move and click Next to continue.

Selection Criteria

Use the options below to filter your Animals Movement's you can use any combination of the options below

Transfer Date: Tuesday, 13 January

From PIC: []

Vendor Dec: []

To PIC: []

Find Animals

Animal Tag	Electronic ID	From_PIC	To_PIC	Movement Date	
A2356	982 12345678910	1234	NF990009	13/01/2015	235
A4632	928 99900000000	1234	NF990009	13/01/2015	235

2 records

Select All Unselect All Back Next Cancel

1. Select the transfer date the movement took place and any other options you wish to filter on.
2. Hit the **Find Animals** button. The list at the bottom should populate with the animals transferred on that date that match all the details you put in above.
3. Select the animals you wish to send for submission and hit the **Next** button and follow the next steps in the subsection [Submitting](#).

SUBMITTING ANIMALS MANUALLY

1. From the window to the right use the filters/worksheets to find the list of appropriate animals.
2. Select the property from the drop-down list for PIC in both **From Pic** and **To Pic**. If you do not have a property set up with PICs for either or both these fields then you may enter them manually into the fields.

Specify Movement Details

Movement Details

From PIC: [] To PIC: []

Date: 14/01/2015 Vendor Dec: []

Active Worksheet: [] Active Filter: []

Animal Tag	Date Of Birth	Sex Code	Sire Tag	Dam Tag	Rec
A2356	08/02/2012	MALE			
A4632	24/02/2012	FEMALE			
A5001	13/01/2012	FEMALE			
A5002	26/01/2012	FEMALE			
A5003	02/02/2012	FEMALE			
A5509	05/02/2012	MALE			

95 records

Select All Unselect All Back Next Cancel

3. Select the date that they were moved and enter Vendor Dec.
4. Once your data is correct, select your animals and hit the **Next** button., the next steps are in the subsection [Submitting](#)

SUBMIT FROM SALES

Select Movements to Submit from Sales

Please use the selection tools below to filter the list of animal sales, then select the rows you wish to move and click Next to continue.

Selection Criteria

Use the options below to filter your Animal Sales you can use any combination of the options below

From 14/01/2012 To 14/01/2015 Vendor Dec Agent Buyer Find Animals

Animal Tag	Sale Date	Buyer	Agent	Transporter	Sold Price
------------	-----------	-------	-------	-------------	------------

0 records

Select All Unselect All Back Next Cancel

1. Select your date range for sales and any other details you wish to enter to filter the range of sales found.
2. Hit the **Find Animals** button to list all the animals found.
3. Select the animals for which you wish to submit the movements to NLIS and hit the **Next** button.
4. Follow the next steps in the subsection [Submitting](#).

SUBMITTING

1. Enter your NLIS information and Transaction Name, if you are using large amounts of animals select a batch size up in the top right that corresponds closest to your number of animals. If you get timeout errors try modifying this number.

Generate Movement Submission

NLIS Login Info

Transaction Name Transaction Note: (Optional) Batch Size

UserName Password Email

DB URL http://www.nlis.mla.com.au/soap/upload.aspx

Change XML File Details

Overwrite From PIC Overwrite To PIC

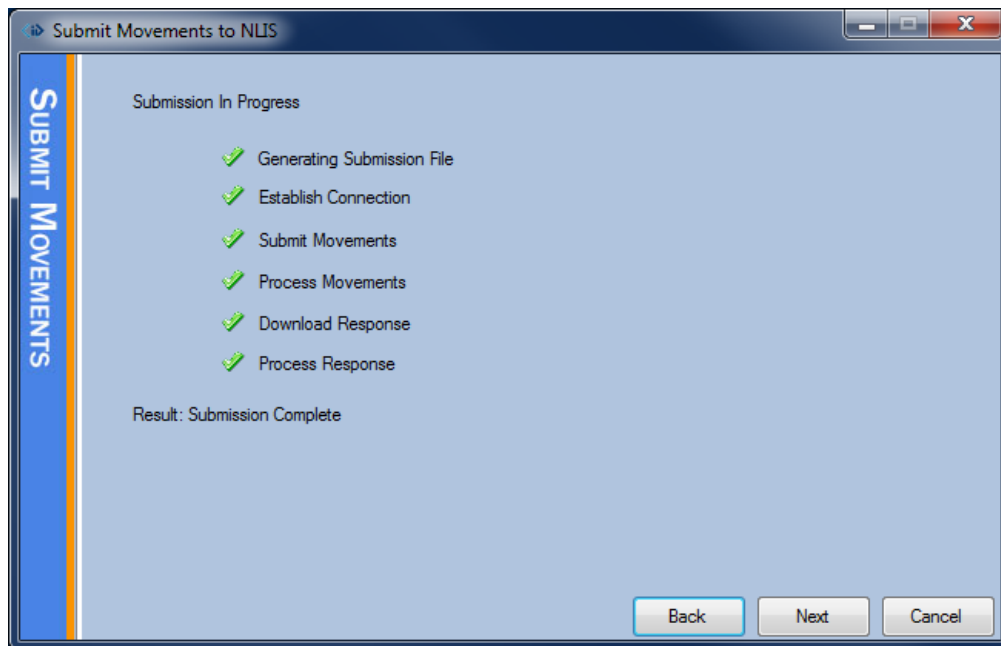
Overwrite Transfer Date 14/01/2015 Overwrite Vendor Dec

EID	Animal Tag	FromPIC	ToPIC	Movement Date	Vendor
982 12345678910	A2356	1234	NF990009	13/01/2015	2352
982 12345678910	A2356	1234	NF990009	13/01/2015	2352

2 records

Back Next Cancel

2. You may make last minute changes to the file here like overriding the PICs, Date and Vendor Dec, so if you put in the wrong information in the previous screen, here is where you can change it.
3. Hit the **Next** button when you are ready and a results window will show.

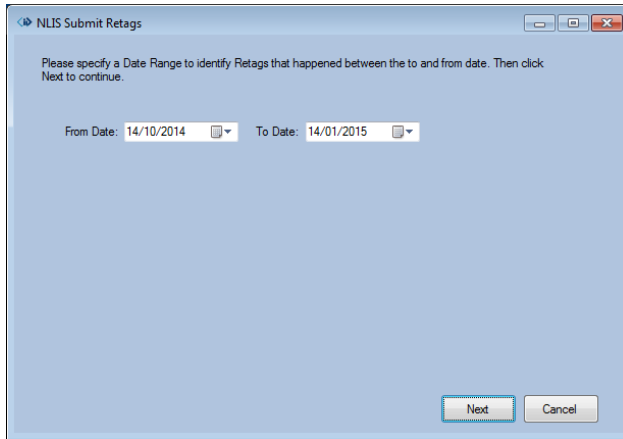


4. Hit the next button and you will get a breakdown of what succeeded and what failed, you will also get an email from NLIS with a file receipt and breakdown of any errors.
5. Hit finish when you are done.

SUBMITTING RETAGS

This option allows you to submit retags to NLIS, so if you mis-identified or mis-tagged an animal (or had to retag for any reason) you can submit the alterations to NLIS quickly and easily.

1. Hit **NLIS | Submit Retags**
2. Enter the date range in which the tags were changed as below and hit the **Next** button.



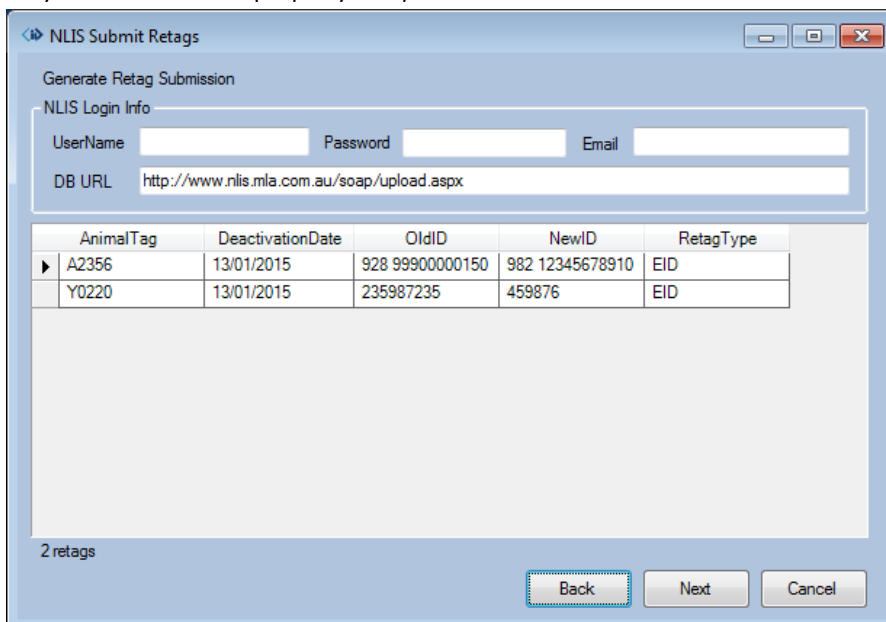
NLIS Submit Retags

Please specify a Date Range to identify Retags that happened between the to and from date. Then click Next to continue.

From Date: 14/10/2014 To Date: 14/01/2015

Next Cancel

3. The next screen shows you the tags that changed in that period and username and password etc. if they are stored on the property setup.



NLIS Submit Retags

Generate Retag Submission

NLIS Login Info

UserName Password Email

DB URL <http://www.nlis.mla.com.au/soap/upload.aspx>

AnimalTag	DeactivationDate	OldID	NewID	RetagType
A2356	13/01/2015	928 99900000150	982 12345678910	EID
Y0220	13/01/2015	235987235	459876	EID

2 retags

Back Next Cancel

4. Hit the **Next** button to submit them to NLIS.
5. You will get a window with a breakdown of any errors and an email file receipt and error breakdown.