

Premium Interface Component

User's Reference

American Maine-Anjou Association

Introduction

Midwest MicroSystems recognizes and applauds the leadership of the American Maine-Anjou Association in encouraging electronic data transfer. Accordingly, we have developed a breed template in the **Premium Interface Component (PIC)** that customizes **Cow Sense** to fit the exact fields of information that the Association requires. Cow Sense then allows you maximum flexibility to customize the rest of the program to your individual management needs. The software handles all of the technical aspects of data structure and file layouts and gives you the simple convenience of menu driven commands. Apply the pre-defined data structure to your Cow Sense herd, then simply select import and export routines that are written for specific data exchange functions. Validations operate in the background to ensure that data requirements are met on both import and export.

The primary functions of PIC are to: maintain standardized fields required by the respective breed associations; send in applications for animal registration; meet the requirements of total herd reporting; and to receive back registrations and EPD updates. Accordingly we have organized this document to follow the format of the respective procedure(s) documented in the *American Maine-Anjou Association Breeder's Guide*.

The Cow Sense Users' Guide will explain the use and functionality of the program and the many new features available with Cow Sense Version 4. This document will assist you in locating and working with the specific fields that are used in the Maine-Anjou Premium Interface Component (PIC) of Cow Sense Software. To launch the Premium Interface Component from the Cow Sense Main Menu - Go to: **Utilities > Transfer Data > Premium Interface Component**.

The following are detailed instructions for entering information, required field verification and data location within Cow Sense herd management software. In addition, this information has been condensed in a series of Quick Reference Tables for easy reference in using the Cow Sense Premium Interface Component.

Installation of the PIC Breed Template

The first step when using PIC for the first time is to install a breed template. A breed template is used to customize your herd by adding necessary fields or changing description codes so you can conform to association rules and export the necessary information needed by that association.

If Midwest MicroSystems did your initial herd build or conversion then your template is already in place and you do not need to apply it to this herd. If you are applying the template to a previously established or new herd for the first time, Go to **PIC Main Menu Select: Breeds > Templates > Maine-Anjou**. The program will display the name and location of the current herd and ask you to confirm that the herd listed is the one, upon which you wish to apply the template. Select either the 'Yes' or 'No' button.

After a breed template is applied PIC will customize itself for the specific breed by adding menu options that can be chosen to perform various operations like exporting registration and performance data to the association and even updating your herd with data received from the association. Please note that you can only apply one breed template to your herd at a time.

Submitting Registration and Performance Information from PIC

To electronically submit a registration application with the association via the Cow Sense Premium Interface Component the following information must be gathered and input into Cow Sense. On the following pages that follow is a quick reference table where you can locate the fields and the type of information that is required to be entered in those fields. After reviewing these tables, you will better understand the type of data that needs to be entered before trying to export data to the association.

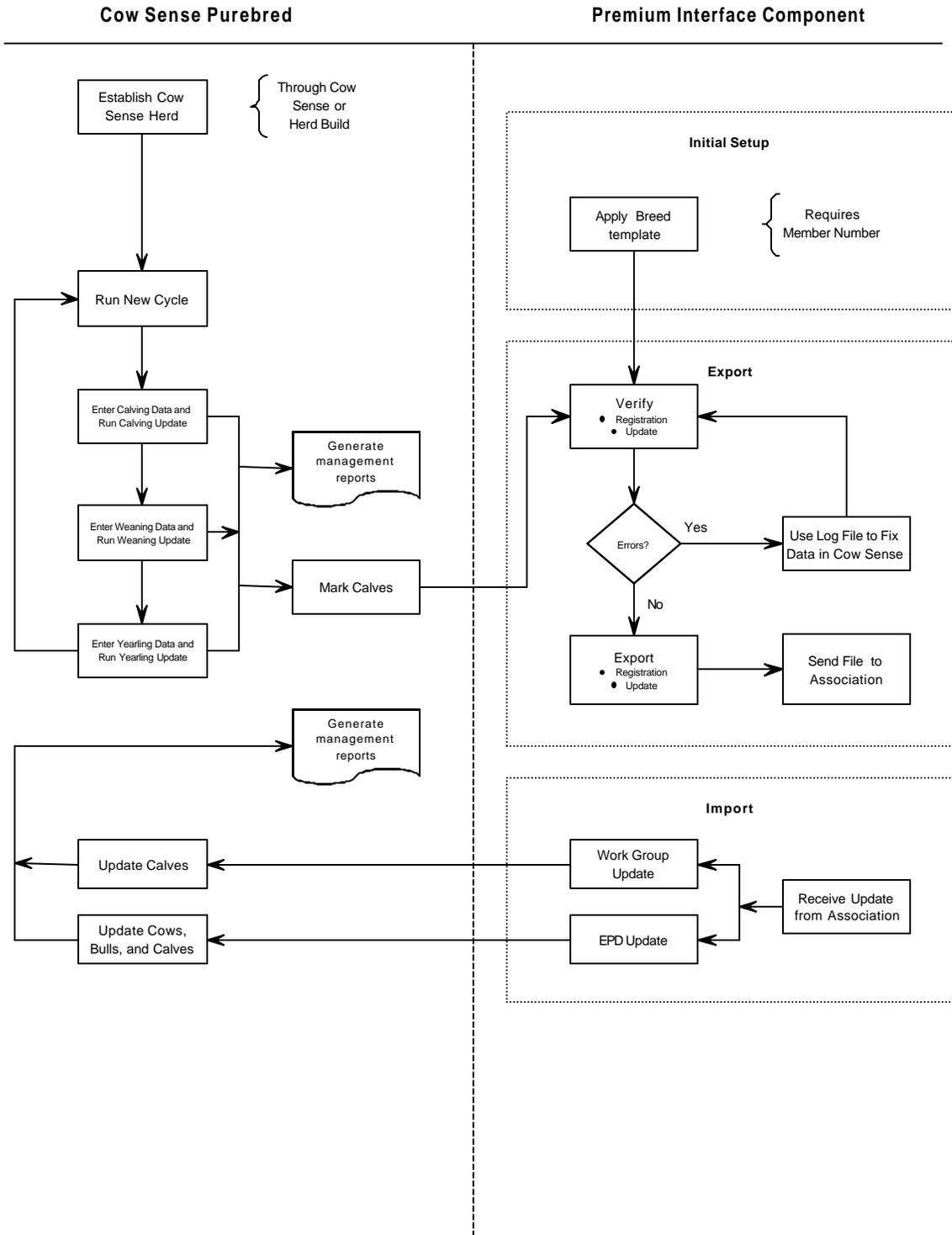
Once all necessary information has been entered into Cow Sense Version 4, you can then prepare to submit that information to the association. The following steps will help guide you through the process of submitting registration information to the association:

1. First review the list of calves in Cow Sense and Mark all records to be Exported (refer to page 69 of the *Cow Sense User's Guide*).
2. Once records are Marked for Export proceed to the Cow Sense Main Menu and **Select > Utilities > Transfer Data > Premium Interface Component**.
3. Once PIC has launched, proceed to the Main Menu bar and **Select: Breeds > Export > Maine-Anjou > Registration > Verify**.
4. A Verify Registrations window will appear asking if you wish to verify the information from the Cow Sense herd listed before exporting it to a file for submission to the association. Select the 'Verify' button.
5. An Export File window will appear asking you to confirm the number of records to be verified. If this is the same number as the records you marked, Select the 'Yes' button, if not Select the 'No' button and repeat the procedure to determine the discrepancy.
6. After selecting the 'Yes' button another window will appear that asks if you want to print warnings in the result log. It is recommended that you choose 'Yes'. After selecting the 'Yes' button a progress bar will appear and the verification process will take place. This could take some time.
7. After this process is complete a window will appear either telling you that no errors were found or asking you if you wish to view the error log file. Choose 'Yes'. If any errors were encountered, they will now be displayed in Notepad. Please note that PIC validates all records to ensure that all required information is included and reports any errors encountered, all warnings that were issued, as well as all records exported at this time. Also notice that the program displays the name of the exported file and where you can find it (in the Cow Sense folder of the installed drive in a sub-folder labeled Export).
8. Review these errors (if there are any) and make any necessary changes in Cow Sense.
9. Repeat the verification process until no errors are encountered.

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10. Once you have completed the verification process you are now ready to run the final export for the association. Go to the Main Menu bar and **Select: Breeds > Export > Maine-Anjou > Registration > Export.**
11. An Export Registrations window will appear asking if you wish to export the information from the Cow Sense herd listed, exporting it to a file for submission to the Association. Select the 'Export' button.
12. An Export File window will appear asking you to confirm the number of records to be verified. If this is the same number as the records you marked, Select the 'Yes' button, if not Select the 'No' button and repeat the procedure to determine the discrepancy.
13. After selecting the 'Yes' button another window will appear that asks if you want to print warnings in the result log. It is recommended that you choose 'Yes'.
14. After selecting the 'Yes' button another window will appear asking you to confirm the breeder information that will be used for the registration of your calves. Click on 'Submit Under Different Name' if you wish to change the person who is registering the calves.
15. After selecting the 'Done' button you will be asked to confirm your email address. Re-enter your email address and click 'OK'.
16. The information you chose to use will be displayed in another window for your review. After clicking 'Yes' a confirmation window will appear telling you who will be registering the marked calves. Please note that if there is more than one breeder registering calves you will have to run a separate export for each of them. Click 'Yes' if this information is correct and a progress bar will appear and the export process will take place. This could take some time.
17. After this process is complete a window will appear that indicates the Export function was complete. Please note that PIC will validate the data one last time to ensure that there are no errors. If there are errors encountered you will be able to review them the same way as in the verification process. Please note that the error log displayed in the Export routine is more abstract and may not list every error. It is recommended that you always use the verification process until no errors are found. This will save you some time.
18. When all records have been successfully exported you can either attach the export file to an e-mail and send it to the association or copy it onto a diskette and send it to the association. If you wish to print out the registration report with all of the calving information, go to the Main Menu bar and **Select: Breeds > Export > Maine-Anjou > Registration > Print.**
19. A new window will open up displaying the report. Please note that this report can only be displayed once. If you wish to print out this registration report do it now or you will have to run the export again in order to display the report for printing. If the association prefers hard copy registration reports you can send these into the association. It is recommended you print two copies of the registration report so you also have a copy to keep for your records.

You have now completed registration of your calves.



MAINE-ANJOU REGISTRATION FILE LAYOUT

TABLE 1: ENTER DATA CALVES

Entry Form	Cow Sense Field(s)	Required	Description/Use	Assoc Field Name
Calving Main	Birth Date	Always	Calf's birth date (mmddyy)	BirthDate
Calving Main	Birth Weight		Calf's birth weight	BirthWeight
Calving Main	Born As		Twin Code Enter type of birth: S = Single (Converted to '1' for export to the association) TB = Twin to Bull (Converted to '2' for export to the association) TH = Twin to Heifer (Converted to '3' for export to the association) E = Embryo Transfer (Converted to '4' for export to the association) ES = Split embryo (Converted to '4' for export to the association) C = Clone (Converted to '4' for export to the association) R = Triplet (Converted to '4' for export to the association)	BirthCode
Calving Main	Calving Ease, Calf History		Calving Ease Enter one of the following for Calving Ease: 1 = Unassisted 2 = Easy pull 3 = Hard Pull – puller used 4 = Caesarean 5 = Abnormal Presentation Calf History – Enter if it applies: 5 = Dead on Arrival Using these two CowSense fields, PIC will automatically convert this information over to the correct code the association uses for calving ease. The association's calving ease code of 7 (Induced or Premature) is not handled in CowSense and therefore is not used.	CalvingEase

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Calving Main	Color	Always	Calf's color Enter one of the following: B = Black/White R = Red/White O = Other	CalfColor
Calving Main	Cow ID		Cow ID is automatically used in the export in place of the Dam's registration number if the Dam's registration number is blank.	DamID
Calving Main	Sire ID		Sire ID is automatically used in the export in place of the Sire's registration number if the Sire's registration number is blank.	SireID
Calving Main	Poll	Always	Poll Status Enter one of the following: H = Horned P = Polled S = Scurred D is not a valid entry for the association	PSH
Calving Main	LE Tattoo	Always	Left ear tattoo of calf (must be no longer than 8 characters)	LeftTatt
Calving Main	RE Tattoo	Always	Right ear tattoo of calf (must be no longer than 8 characters)	RightTatt
Calving Main	Sex	Always	Calf sex (Enter one of the following) B = Bull H = Heifer (Converted to 'C' for export to the association) S = Steer	Sex
Weaning Main	Name	Always	Calf's name (must be no longer than 24 characters)	CalfName
Weaning Main	Registration		Calf's registration number (enter if it exists)	CalfReg
Weaning Main	Wean Cont Group		Exports left most character (user enters management groups) ex) A – 1st Management Group B – 2nd Management Group (etc.) A, B, etc. are then used automatically in the export.	WeanContGroup
Weaning Main	Wean Weight		Calf's weaning weight	WeanWeight

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Weaning Main	Wean Weight Date		Date the weaning weight was taken	WeanDate
Yrlg Main	Yrlg Cont Group		Exports left most character (user enters management groups) ex) A – 1st Management Group B – 2nd Management Group (etc.) A, B, etc. are then used automatically in the export.	YrlgContGroup
Yrlg Main	Yrlg Weight		Yearling weight	YrlgWeight
Yrlg Main	Yrlg Weight Date		Date yearling weight was taken	YrlgDate
Supplemental	Buyer Address	If transferring calf	Buyer address	BuyerAddress
Supplemental	Buyer Member Num	If transferring calf	Buyer member number	BuyerMemNum
Supplemental	Buyer Name	If transferring calf	Buyer name	BuyerName
Supplemental	Member Number, Breeder ID	Always	PIC uses the Member Number field on the calf for exports. If it is blank, the Breeder ID entered when the template was applied is used.	MemberNum
Supplemental	Register		Enter one of the following: Y = Register calf N = Performance Only If the Register field is left blank, a default value of Y is used	RegType
Supplemental	Sale Date	If sold calf	Sale date	SaleDate
Supplemental	Service Type	Always	Service Type (Enter one of the following) A = AI N = Natural E = ET PIC uses service type if it is not blank. If it is blank then PIC attempts to determine the service type by using the BornAs and SireType fields. If PIC is unsuccessful, an another attempt is made looking at the breeding records. If PIC is still unsuccessful, an error is generated in the log file, and the user must enter the service type in this field and run the export again.	MatingType

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Supplemental	Wean Feed Code	<p>Wean Feed Code (Enter one of the following)</p> <ul style="list-style-type: none"> 1 = No creep 2 = Creep 3 = Other 4 = Foster dam 5 = Twin raised as twin 6 = Twin raised as single 7 = Embryo transfer <p>If Wean Feed Code is blank, PIC uses the BornAs, RaisedAs and Creep fields to attempt to determine a wean feed code.</p>	WeanFeedCode
Supplemental	Yrlg Feed Code	<p>Yearling Feed Code (Enter one of the following)</p> <ul style="list-style-type: none"> 1 = Pasture & roughage only 2 = Pasture or roughage w/ supplement 3 = Dry lot fed, low energy ration 4 = Dry lot fed, high energy ration 5 = Fitted 6 = Bull test 7 = Other 	YrlgFeedCode

TABLE 2: ENTER DATA COWS

Entry Form	Cow Sense Field(s)	Required	Description/Use	Assoc Field Name
Main	Disposal Code		<p>Cow's disposal code Enter one of the following if it applies:</p> <ol style="list-style-type: none"> 1) Aborted/Premature 2) Stillborn/Full term 3) Died at Birth – Defect 4) Died at Birth - calving difficulty 5) Died at Birth – other 6) Born alive, died before weaning – disease 7) Born alive, died before weaning – other 8) Died after weaning – disease 9) Died after weaning – other 10) Died – age 11) Died while calving - calving difficulty 12) Culled - physical defect 13) Culled – fertility 14) Culled - performance productivity 15) Culled – temperament 16) Culled –age 17) Sold - other (including sold, not transferred) 18) Inactive 19) Accidental death 20) Slaughtered 	DamDisposalCode
Main	Registration	Always	<p>Cow's registration number Cow ID is automatically used if Cow's registration number is blank.</p>	DamReg
Main	Registration Type		<p>Cow's registration type If there is a registration number, 'M' (Registered) is used If there is no registration number, 'C' (Commercial) is used No user input required.</p>	DamType
Pedigree	Cow Name		<p>Cow's name (must be no longer than 24 characters)</p>	DamName

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Supplemental	Breed 1		<p>Breed 1 of cow Enter 2 character abbreviaton of breed</p> <p>If Breed 1 is blank, PIC checks the DamBrd field and references back to the breed list to determine what breed 1 is for the cow.</p>	DamBrd1
Supplemental	Breed 2		<p>Breed 2 of cow Enter 2 character abbreviaton of breed</p> <p>If Breed 2 is blank, PIC checks the DamBrd field and references back to the breed list to determine what breed 2 is for the cow.</p>	DamBrd2
Supplemental	Breed 3		<p>Breed 3 of cow Enter 2 character abbreviaton of breed</p> <p>If Breed 3 is blank, PIC checks the DamBrd field and references back to the breed list to determine what breed 3 is for the cow.</p>	DamBrd3
Supplemental	Percent 1		<p>Breed Percentage 1 of cow Enter percentage number of breed</p> <p>If Percent 1 is blank, PIC checks the DamBrd field and references back to the breed list to determine what percent 1 is for the cow.</p>	DamBrdPct1
Supplemental	Percent 2		<p>Breed Percentage 2 of cow Enter percentage number of breed</p> <p>If Percent 2 is blank, PIC checks the DamBrd field and references back to the breed list to determine what percent 2 is for the cow.</p>	DamBrdPct2
Supplemental	Percent 3		<p>Breed Percentage 3 of cow Enter percentage number of breed</p> <p>If Percent 3 is blank, PIC checks the DamBrd field and references back to the breed list to determine what percent 3 is for the cow.</p>	DamBrdPct3

TABLE 3: ENTER DATA BULLS

Entry Form	Cow Sense Field(s)	Required	Description/Use	Assoc Field Name
Main	Registration	Always	Bull's registration number Bull ID is automatically used if Bull's registration number is blank.	SireReg
Main	Registration Type		Bull's registration type If there is a registration number, 'M' (Registered) is used If there is no registration number, 'C' (Commercial) is used No user input required.	SireType
Pedigree	Bull Name		Bull's name (must be no longer than 24 characters)	SireName
Supplemental	Breed 1		Breed 1 of bull Enter 2 character abbreviaton of breed If Breed 1 is blank, PIC checks the BullBrd field and references back to the breed list to determine what breed 1 is for the bull.	SireBrd1
Supplemental	Breed 2		Breed 2 of bull Enter 2 character abbreviaton of breed If Breed 2 is blank, PIC checks the BullBrd field and references back to the breed list to determine what breed 2 is for the bull.	SireBrd2
Supplemental	Breed 3		Breed 3 of bull Enter 2 character abbreviaton of breed If Breed 3 is blank, PIC checks the BullBrd field and references back to the breed list to determine what breed 3 is for the bull.	SireBrd3

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Supplemental	Percent 1		<p>Breed Percentage 1 of bull Enter percentage number of breed</p> <p>If Percent 1 is blank, PIC checks the BullBrd field and references back to the breed list to determine what percent 1 is for the bull.</p>	SireBrdPct1
Supplemental	Percent 2		<p>Breed Percentage 2 of bull Enter percentage number of breed</p> <p>If Percent 2 is blank, PIC checks the BullBrd field and references back to the breed list to determine what percent 2 is for the bull.</p>	SireBrdPct2
Supplemental	Percent 3		<p>Breed Percentage 3 of bull Enter percentage number of breed</p> <p>If Percent 3 is blank, PIC checks the BullBrd field and references back to the breed list to determine what percent 3 is for the bull.</p>	SireBrdPct3