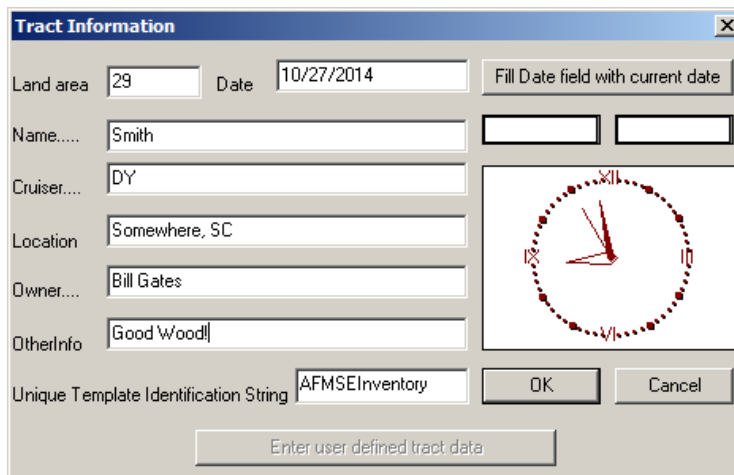## 1.1 Processing Cruises:

Non-stratified cruise processing

A non-stratified cruise is one in which there is only one stand or strata being processed. For this cruise workup scenario users should follow this workflow:

1. Open TCruise Desktop and Load the appropriate template (.TCT) using the **Load tct** button on the Workup Toolbar.

2. Import field plot data using the **Import tce** button on the Workup Toolbar. (It is assumed that the user has already transferred the TCruise field data from the handheld to the My Documents\TCruisePC\Tce_DocsTemplate folder on the PC). If there are multiple tce files that need to be imported users can import additional tce files one at a time by using the **Import tce** button again to select the next tce file OR the user can select **File menu > Import Options > Batch tce Import**. This method will allow users to select many tce files and import all at once.

3. Input the following info in the Tract Info screen after pressing the **Tract Info** button on the Workup Toolbar. **Ok** out when completed.
   o Acres (Land area)
   o Date (just press the Fill Date Field... button)
   o Tract Name
   o Cruiser
   o Location, Owner, Other Info.

4. Edit existing plot data using the **Edit Plot** button on the Workup toolbar if needed. You can also use this button to verify the correct number of plots has been imported.

5. Add any new plots manually using the **New Plot** button on the workup toolbar if needed.

6. Check to be sure the Plot Size or Basal Area factor has been correctly set for imported plots by clicking *Edit Menu > Edit Plot Level Info*. Users can make adjustments here and also delete plots if needed.

7. Process the cruise by clicking the *Run By Groups* button on the Workup toolbar.

   a. The user will then be prompted to save the cruise as a Tcd document before volumes are processed.

   b. If errors were detected in the output investigate those by editing the plots where errors were found and re-run the cruise. If non- repairable errors such as "Not enough sample heights for Species Group X" were encountered simply ignore the message and proceed to view the report output.

8. View Report Output using the Page Down button on the Workup toolbar and then print desired pages if necessary.

Stratified cruise processing

Stratified cruises are one in which there are multiple stands or strata grouped together in one or a set of tce files imported into a template. Here is the process for processing this type of cruise:

1. Follow steps 1-6 for non-stratified cruises above. In step 3, enter the total acres for the entire cruise (sum of the individual stand/strata acres) in the Land Area field.

2. Enter acreage (land area) for each individual stand/strata by clicking the *Stratify menu > Edit Stratum Land Area* option. Enter the acreage for each stand/strata in the table. You can leave a default value of 1 in any stand/strata such as "Unknown" that was not encountered on the cruise. Press OK when complete.

3. You can check to be sure plots are assigned to the correct Stand/strata by clicking *Stratify Menu > Reassign Stratum Names and PlotID's.* Make any necessary changes here and *OK* out. **Note:** If you need to analyze this list thoroughly you may wish to copy/paste the contents of this table to Excel and sort it there.

4. Save the cruise by Strata using the *Save by Stratum* button on the Save Toolbar. You should then see a dialog box like this:
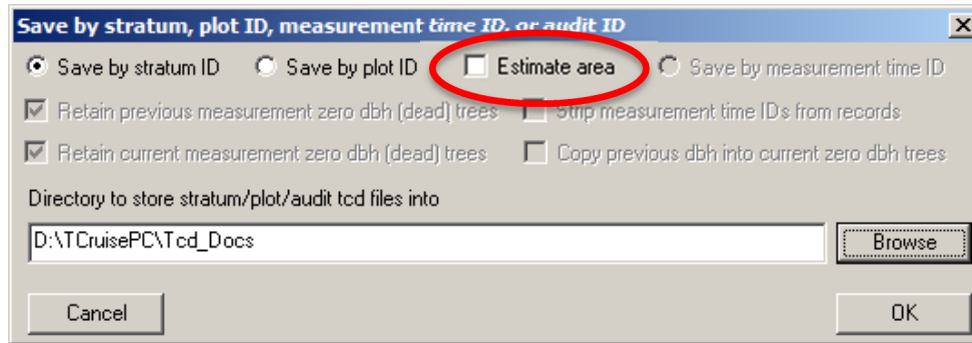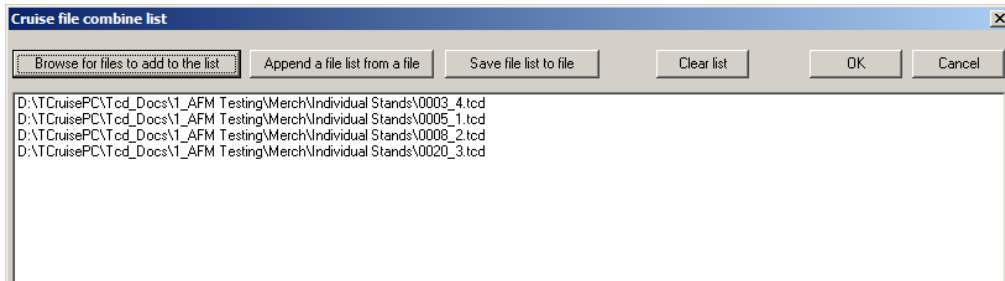
Be sure to **Uncheck** the Estimate area checkbox as shown above. You will also want to create a new subfolder in the Tcd_Docs folder to store these individual TCD's created for each individual Strata. To accomplish this simply click the Browse button and choose the location of the new subfolder and input a name. In this example I am creating a subfolder for the Getty cruise:

5. Once the subfolder name is input simply press the ***Create the subfolder*** button and ***OK*** back out. Finally ***OK*** out of the ***Save by Stratum***… window.
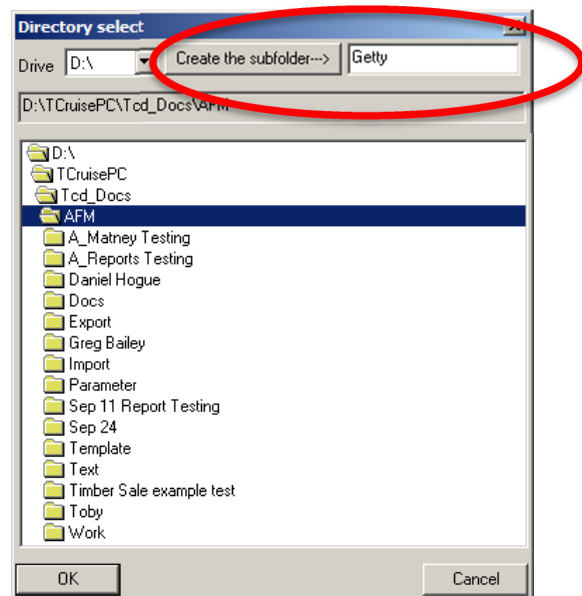
6. Next, select the strata/stands to be included in the cruise workup by clicking the ***Stratify menu > Select Strata*** and click the ***Browse for file to add to list*** button on the ***Cruise file combine list*** window. You can select multiple files here by holding down the ***Ctrl*** button on your keyboard. After the selection are made click the ***Open*** button to add them to the list. Select more files if needed.

Cruise file combine list

| Browse for files to add to the list | Append a file list from a file | Save file list to file | Clear list | OK | Cancel |

D:\TCruisePC\Tcd_Docs\1_AFM Testing\Merch\Individual Stands\0003_4.tcd
D:\TCruisePC\Tcd_Docs\1_AFM Testing\Merch\Individual Stands\0005_1.tcd
D:\TCruisePC\Tcd_Docs\1_AFM Testing\Merch\Individual Stands\0008_2.tcd
D:\TCruisePC\Tcd_Docs\1_AFM Testing\Merch\Individual Stands\0020_3.tcd

7. To process the cruise click the **Stratify menu > Prepare Current Report by Species Group** option. If any dialog boxes are displayed after this one, simply press **OK** to continue.

Note that you can use the **Stratify menu> Select Strata** and then **Stratify menu > Prepare Current Report...** even if you don't have a document or template loaded. TCruise will use the template embedded in the TCD files.

8. View and print reports if desired. Note that each stand/strata will have a set of reports displayed and at the end there will be a combined strata report.

Stratify   Help
- Select Strata
- Options
- Prepare Current Report By Species Group
- Prepare Future Report By Species Group
- Prepare Current Combined Species Group Report
- Prepare Future Combined Species Group Report
- Edit Plot Strata ID List
- Reassign Stratum Names And Plot IDs
- Edit Stratum Land Area
- Edit custom strata information
- Edit Stratum Cruise Parameters
- Generate Stratum From Current Document
- Batch Export To Report/Database dlls   ▶