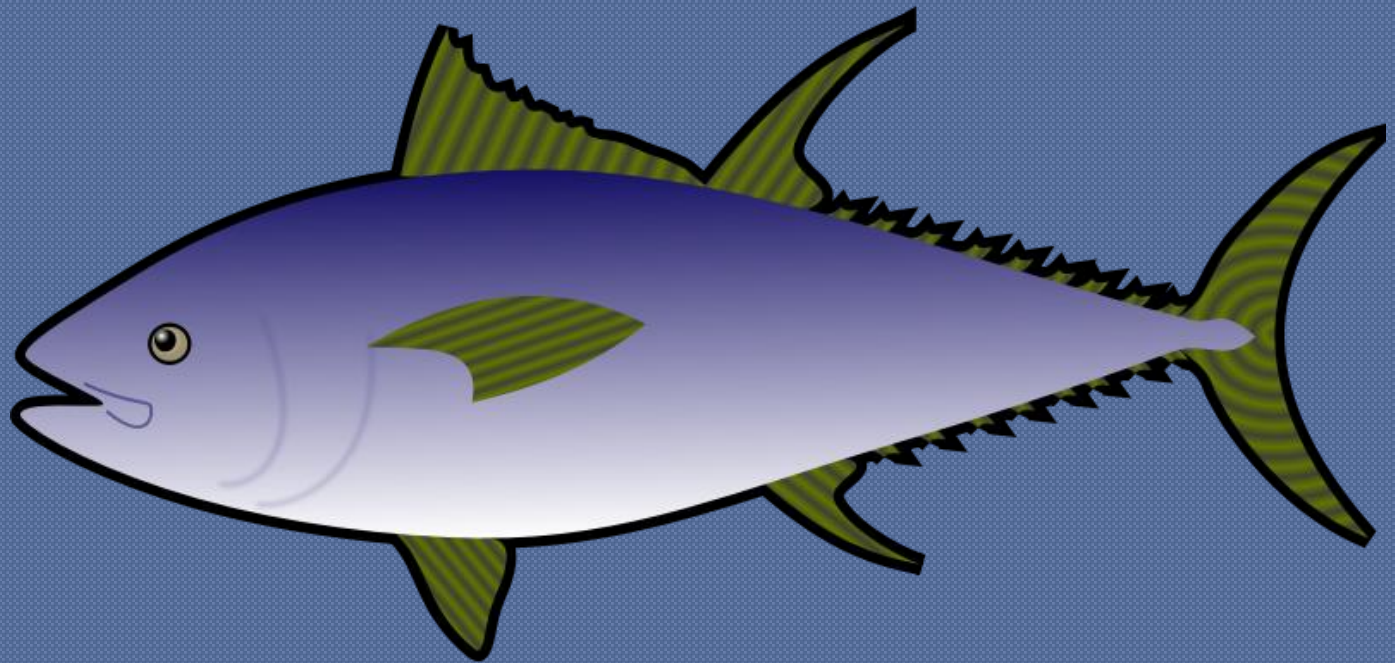
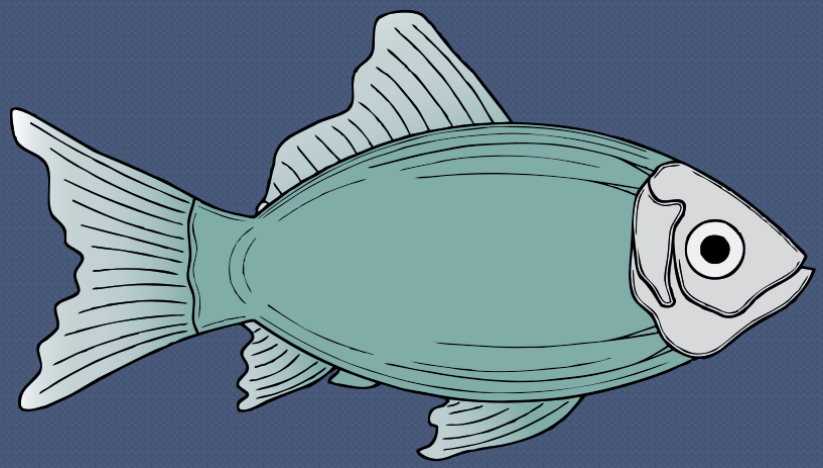
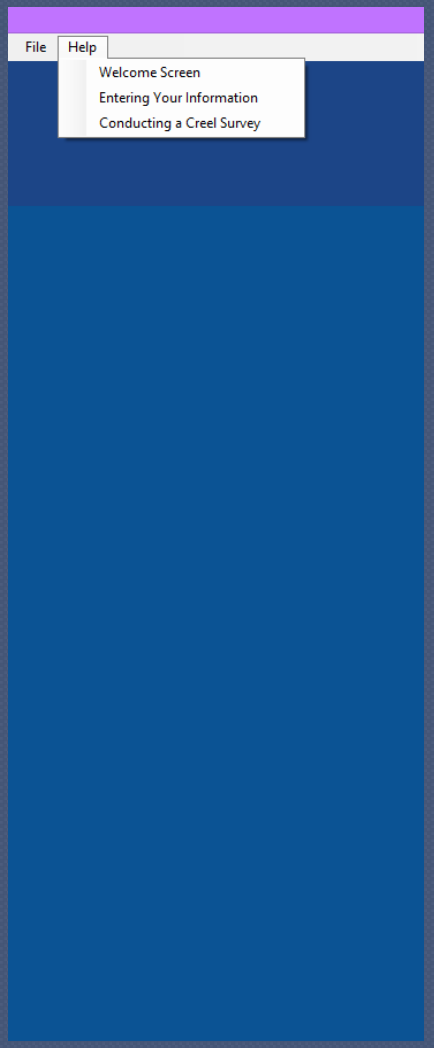
Electronic Field Input System

Team 5
Stacy Carlson, Thomas Flores, and Ralph Parkison



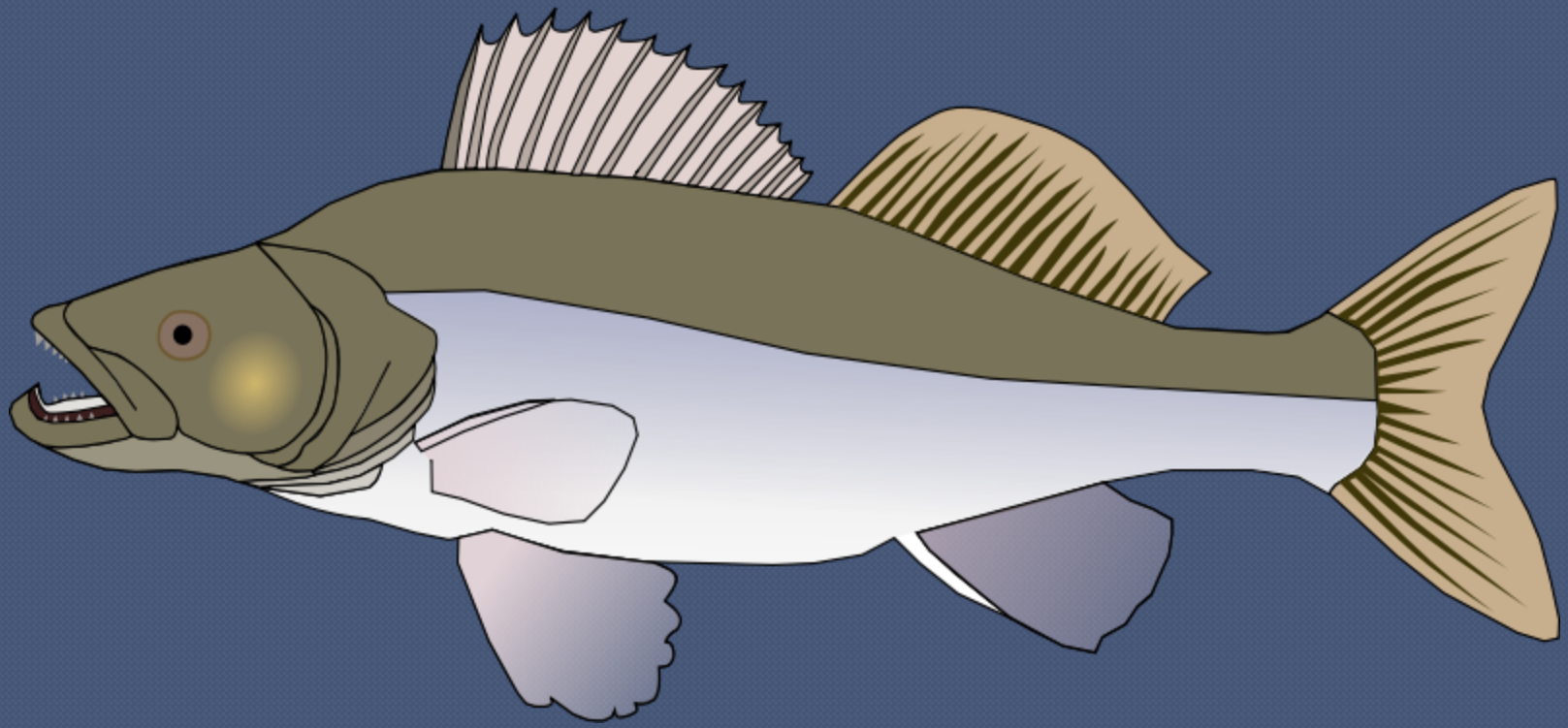
User Interface





Dynamic Data

- Accessed via Managed Object



Dynamic Locations

Franklin D. Roosevelt Lake Survey System

File Help

1st Location

Location Start Time
10:19

Location

China Bend
North Gorge
Evans
Marcus Island

Time At Location
00:00

Loc. Pressure | Fish | New Party | End Location

Dynamic Target Species

Franklin D. Roosevelt Lake Survey System

File Help

1st Location

Location Start Time
10:19

Location
China Bend

Time At Location
00:00

Party #1

Party Size: 0 +

Complete Trip: Y N

Start Time: 10:20

End Time

Target Species 1

Target Species 2

- None
- Rainbow Trout
- Kokanee Salmon
- Walleye
- Burbot
- Smallmouth Bass
- Yellow Perch
- Northern Pike
- Chinook Salmon
- White Sturgeon

Species Caught | Kept/ Released | Total | Length (mm) | Weight (g) | Tag Number | Notes | Delete Fish

Loc. Pressure | Fish | New Party | End Location

Dynamic Species Caught

Franklin D. Roosevelt Lake Survey System

File Help

1st Location

Location Start Time
10:19

Location
China Bend

Time At Location
00:00

Party #1

Party Size: 1 +

Complete Trip: Y N

Start Time: 10:20

End Time

Target Species 1: Rainbow Trout

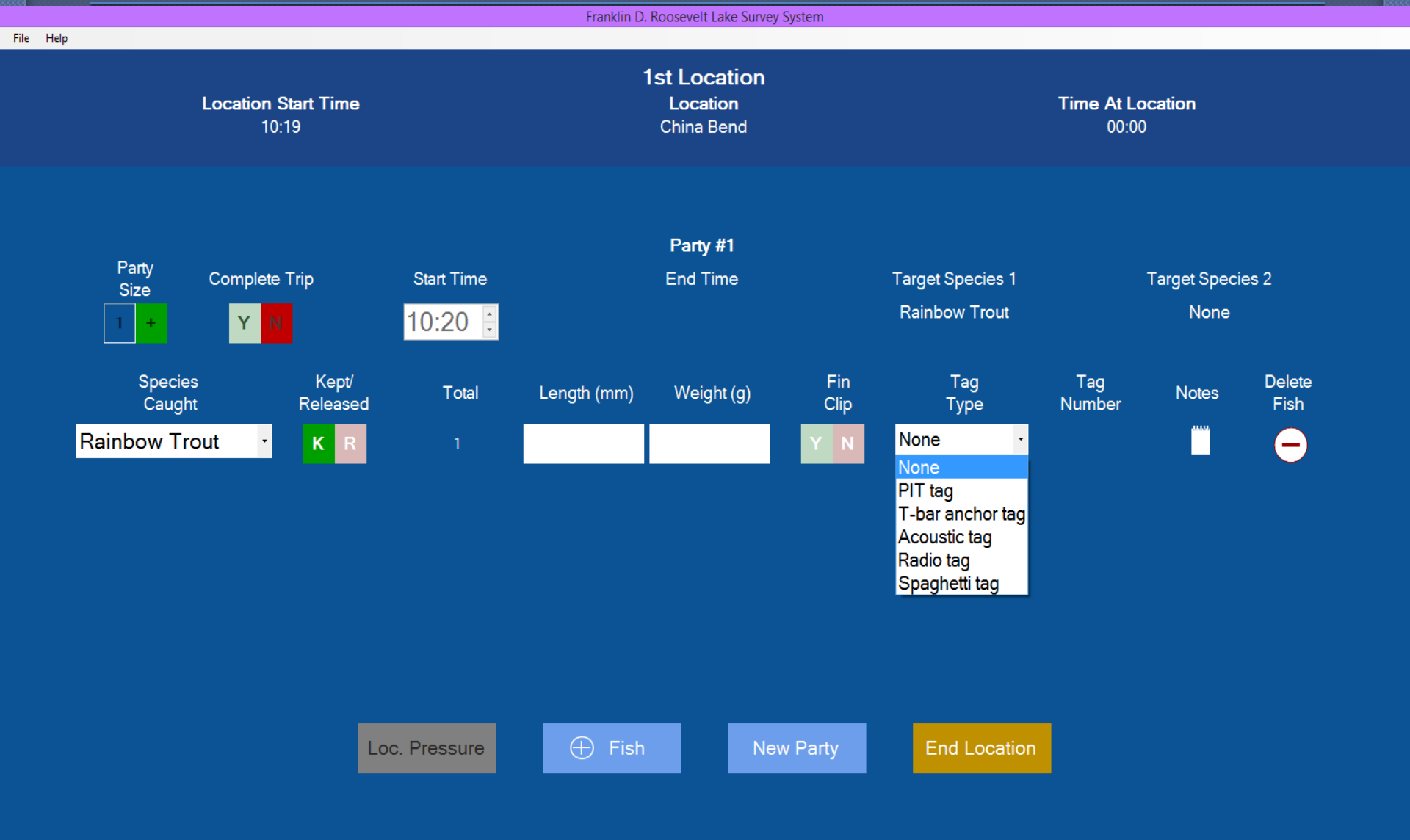
Target Species 2: None

Species Caught	Kept/ Released	Total	Length (mm)	Weight (g)	Fin Clip	Tag Type	Tag Number	Notes	Delete Fish

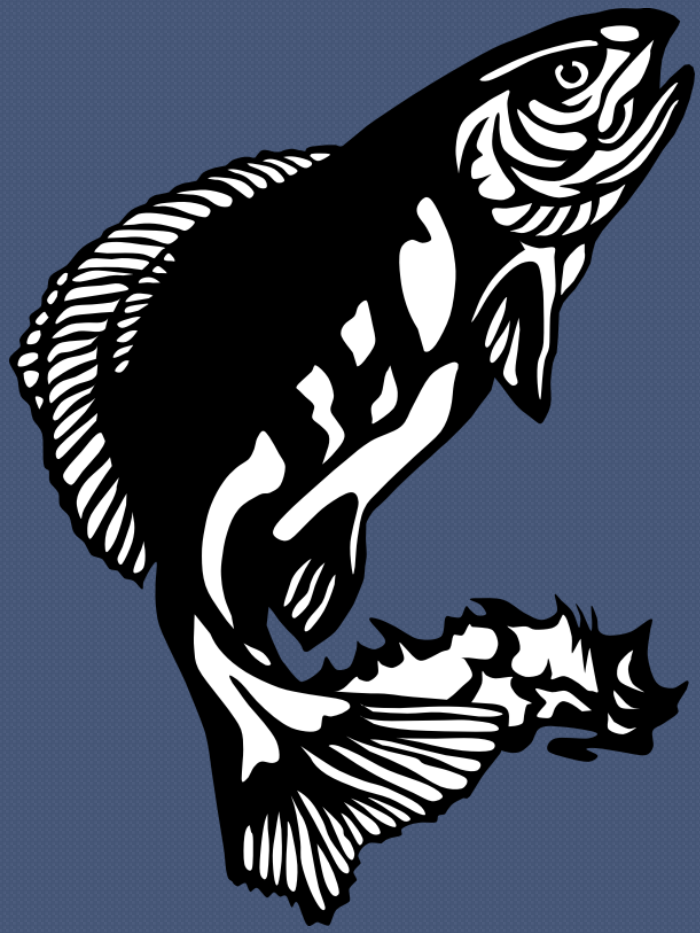
- None
- Rainbow Trout
- Kokanee Salmon
- Walleye
- Burbot
- Smallmouth Bass
- Yellow Perch
- Northern Pike
- Chinook Salmon
- White Sturgeon

Loc. Pressure | Fish | New Party | End Location

Dynamic Tag Types



Help Files

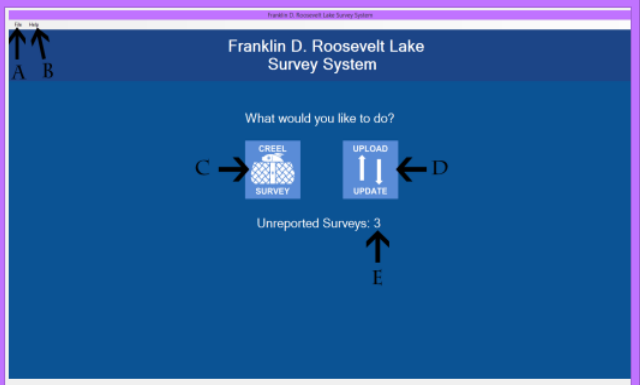


Welcome Screen Help

Franklin D. Roosevelt Lake Survey System

File Help

Welcome Screen Help



A. Click the File menu and select Exit to exit the application. You must complete a started work day in order to exit the program.

B. Click the Help menu and select the option that you need help with. Help is always accessible.

C. Click the Creel Survey button to begin a creel survey.

D. Click the Upload/Update button to update the codes and upload completed surveys. An internet connection must be present for this operation to complete successfully.

E. This label indicates how many surveys you have to upload to the database.

Okay

Help Starting the Day

Franklin D. Roosevelt Lake Survey System

File Help

Entering Your Information Help

Starting the Day | Ending the Day

A. Click here to enter your initials.

B. Click here to select the survey type.

C. Click here to select the section.

D. Click here to select the route for the bus-route survey type.

E. Click Start to begin your work day. All fields must be completed, the button will turn green when the fields are completed.

F. Click Start New Location to begin a location. Your work day must be started in order for this button to enable.

Okay

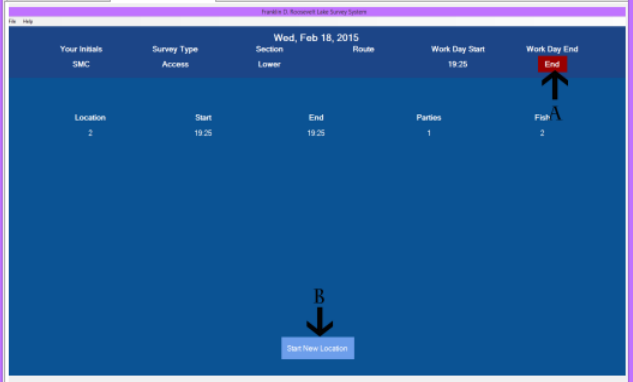
Help Ending the Day

Franklin D. Roosevelt Lake Survey System

File Help

Entering Your Information Help

Starting the Day | Ending the Day



A. Click End to end your work day.

B. After End has been clicked, this button will turn red and say exit. Click this button to return to the welcome screen.

Okay

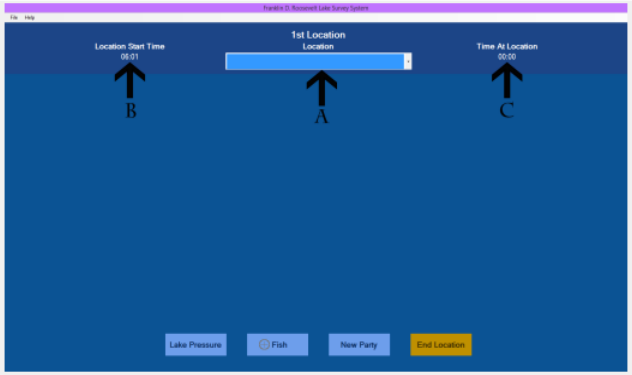
Help Selecting a Location

Franklin D. Roosevelt Lake Survey System

File Help

Creel Survey Help

Selecting a Location | Lake Pressure Counts | Adding a Party | Adding a Fish | Editing/Deleting a Fish | Ending a Location



A. Click here to select the location that you are at.

B. Your location start time is automatically entered. You can view it here.

C. Your time at the location is displayed here. You may find this useful when doing the bus-route survey.

Okay

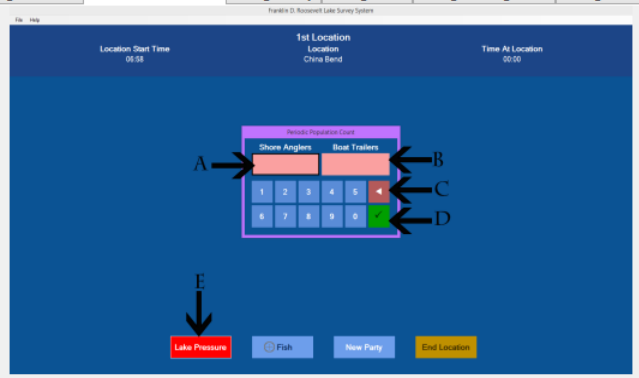
Help Doing Counts

Franklin D. Roosevelt Lake Survey System

File Help

Creel Survey Help

Selecting a Location | Lake Pressure Counts | Adding a Party | Adding a Fish | Editing/Deleting a Fish | Ending a Location



A. Click here to record the shore angler count. You can tell that it is selected by the black border surrounding the box. Click the number keys for the count.

B. Click here to record the boat trailer count. If it is selected there will be a black border surrounding the box. (See A for selected appearance.) Click the number keys for the count.

C. Click here to delete a number.

D. Click here to submit the data. This will only be enabled if both counts are filled in. The check mark will be white when it is enabled.

Okay

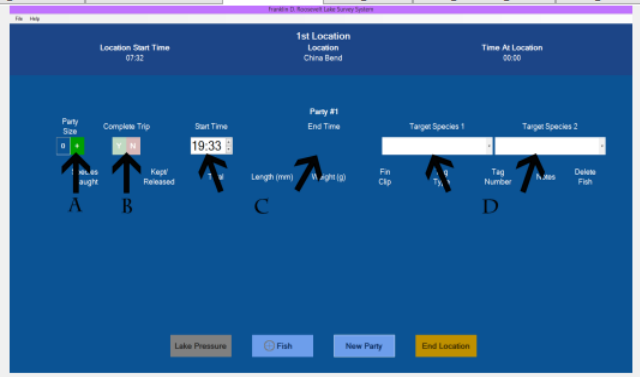
Help Adding a Party

Franklin D. Roosevelt Lake Survey System

File Help

Creel Survey Help

Selecting a Location | Lake Pressure Counts | Adding a Party | Adding a Fish | Editing/Deleting a Fish | Ending a Location



A. Click the + for each angler in the party. See below for help entering angler information.

B. Click the Y for a complete trip. Click the N for an incomplete trip.

C. Click on the hour value to select it. Then click on the up arrow or the down arrow to get to the correct value. Repeat the process for the minute value.

This same process applies to End Time. This control is only present when Y is selected for complete trip.

D. Click here to select the party's target species. This applies

Okay

Help Adding a Fish

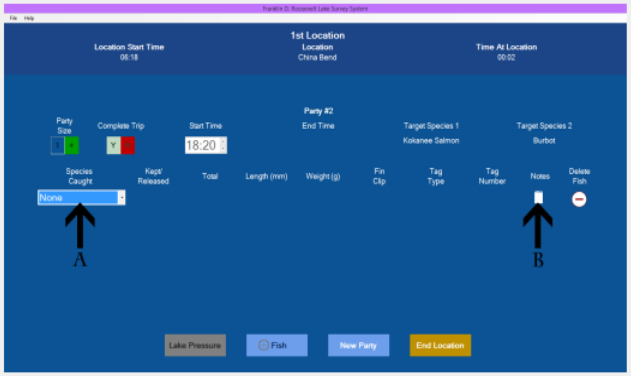
Franklin D. Roosevelt Lake Survey System

File Help

Creel Survey Help

Selecting a Location | Lake Pressure Counts | Adding a Party | Adding a Fish | Editing/Deleting a Fish | Ending a Location

No Fish Caught



A. Click here and select None from the species list.

B. Click here to add any pertinent notes. (Optional)

Released Fish

Okay

Help Editing/Deleting a Fish

Franklin D. Roosevelt Lake Survey System

File Help

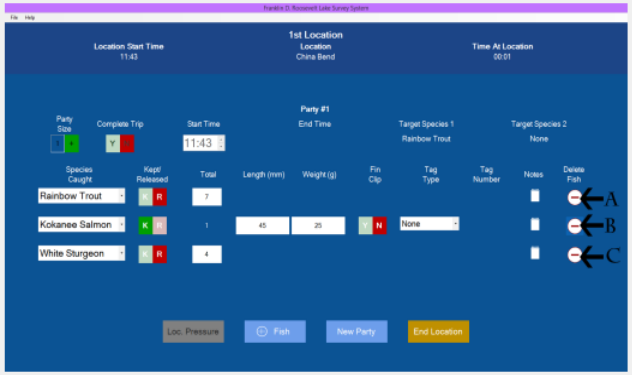
Creel Survey Help

Selecting a Location | Lake Pressure Counts | Adding a Party | Adding a Fish | Editing/Deleting a Fish | Ending a Location

Editing a Fish

Any fish in the party can be edited until New Party or End Location is clicked. Simply click on the field that you wish to edit. Remember that all fish must be complete in order to move to the next party or location. (See Adding a Fish for further help.)

Delete a Fish



Click on the delete button to delete that fish.

Okay

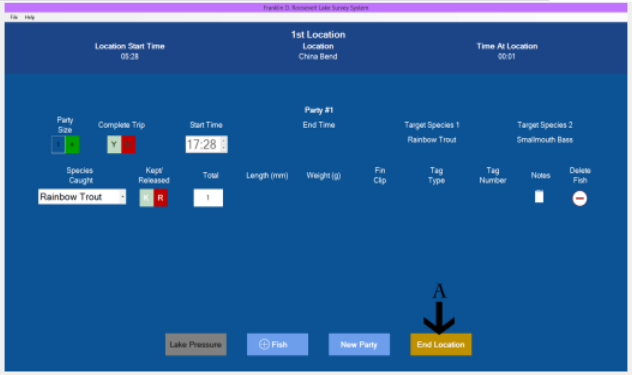
Help Ending a Location

Franklin D. Roosevelt Lake Survey System

File Help

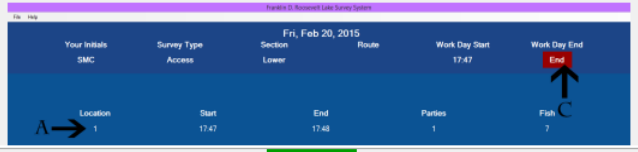
Creel Survey Help

Selecting a Location | Lake Pressure Counts | Adding a Party | Adding a Fish | Editing/Deleting a Fish | Ending a Location



A. Click the End Location button whenever it's enabled to end the location. A location can only be ended if all fish are complete. See Adding a Fish for help completing a fish.

You will be required to do a shore angler and boat trailer count after clicking End Location. See Lake Pressure Counts for help completing the counts.



Okay

Where We're Going

- Meet with the client on Wednesday
- Finish any last minute details on the UI
- Continue work on the output JSON/CSV