

Using FLDRS

Version 1.0



FLDRS

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About FLDRS

Fisheries Logbook Data Recording Software (FLDRS) helps capture the information typically entered on a Fishing Vessel Trip Report (FVTR). It can record data for fishing gear such as trawl hauls, longline sets, gillnet sets, or pot strings. The data describes both individual fishing efforts (gear, duration, location, etc.) and the entire trip (departure and landings, ports, dealers, etc.).

Entering data by the individual fishing effort (haul-by-haul) provides fishermen with more detailed analyses of their catches and also increases the data's utility to fisheries scientists and managers.

Using FLDRS

To use FLDRS, the fisherman completes these steps:

1. Before using FLDRS for the first time on a fishing trip, make time to set up FLDRS with the NMFS field technician. Although the setup may seem long and tedious, putting in the time up front means a lot less typing and data entry at sea.
2. When the vessel leaves port, start FLDRS and record details of the trip—vessel name, operator, time of departure, etc. Leave FLDRS running all through the trip, closing it only when you reach the final port.
3. As each haul is made, enter the haul details—time and location of the set and haul, average fishing depth, etc.
4. After each haul, enter details of the catch—the species names, and the amounts kept and discarded.
5. After the catch is landed, enter landing details—how much was sold to each dealer, kept for bait, etc. If you land at several ports, record each one separately.
6. Check the data for errors, and fix them. You may also view the trip data in a format that looks like a paper FVTR.
7. Transmit the data to NMFS.

The next part of this manual explains how to complete these steps.

Getting Ready

Set up FLDRS

To set FLDRS up before the first trip, you work with a NMFS technician to record basic data about operators, vessels, gear, typical species caught, dealers, etc. You also choose defaults, so that your usual choice appears automatically. For instance, if you use three dealers, but one dealer usually takes most of your catch, you would make that dealer the default. Spending time making the default choices the right choices saves a lot of data entry time at sea, though you can adjust some defaults later; see page 24.

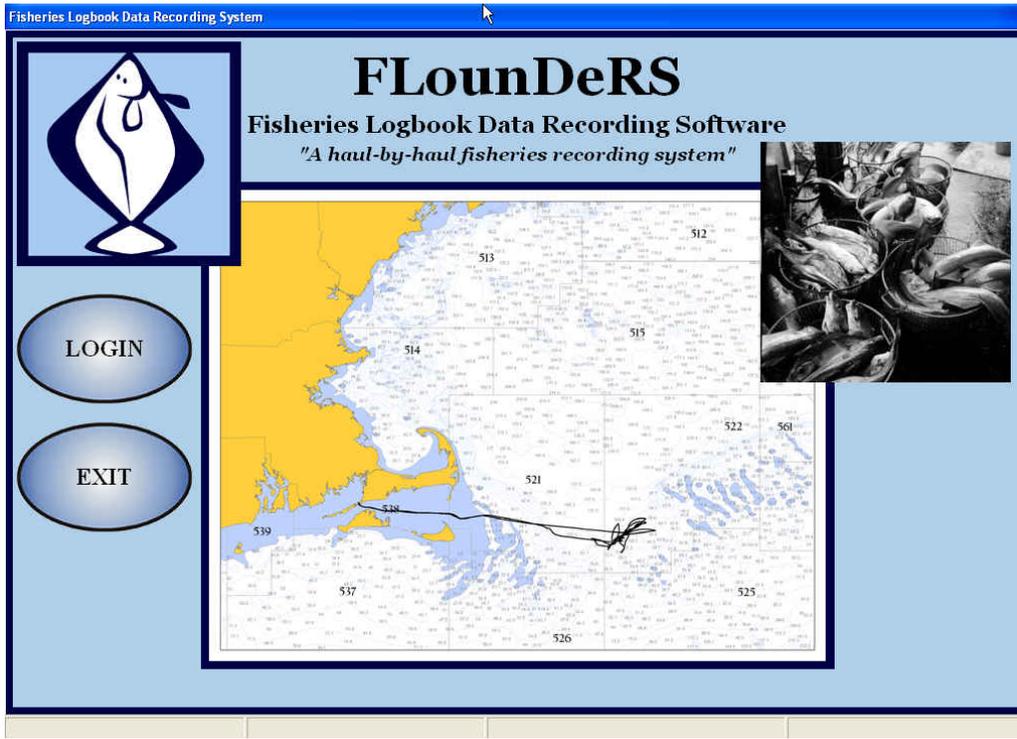
Start FLDRS and log in

As soon as the lines come off the dock, start FLDRS so you can use the sailing date and times automatically generated by FLDRS, instead of having to enter them by hand.

1. On the Windows desktop, find the Logbook icon:



2. Double-click on the icon. The main FLDRS window appears.

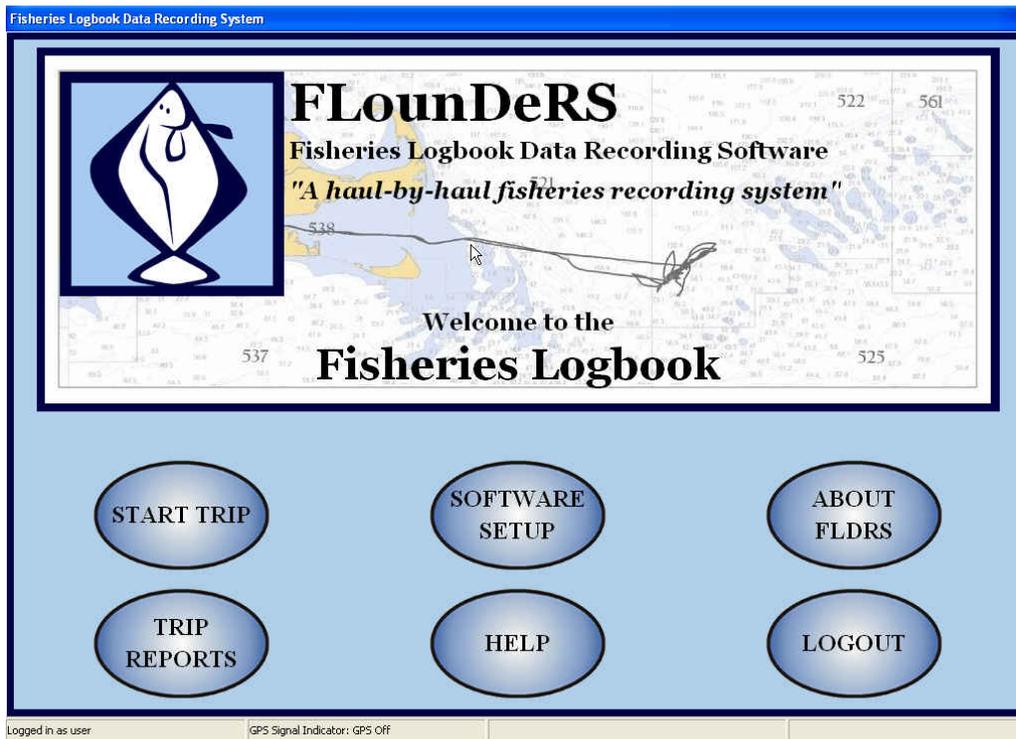


3. Click the **Login** button.

4. Enter your user name and password, and then click the **Login** button. (If you have trouble with this, see page 58.)

The screenshot shows a "User Login" dialog box. It has a title bar "User Login" and a "Number of Attempts: 0" label. Below this is a "Login Info" section with two input fields: "User Name:" and "Password:". At the bottom of the dialog are two buttons: "Login" and "Cancel".

5. The Fisheries Logbook Data Reporting Software window appears.



Decide what to do next:

Start a new trip.

Read the next section. It explains how to enter trip data.

Edit or view an old trip.

See page 53.

Change or set up defaults.

See page 24.

View this manual in a web browser window.

Click the *Help* button.

Close FLDRS.

See page 57.

Start a new trip

To enter data for a new trip:

1. Click the *Start Trip* button at the bottom of the main FLDRS window.

The FLDRS window appears, with the Trip tab open and the default

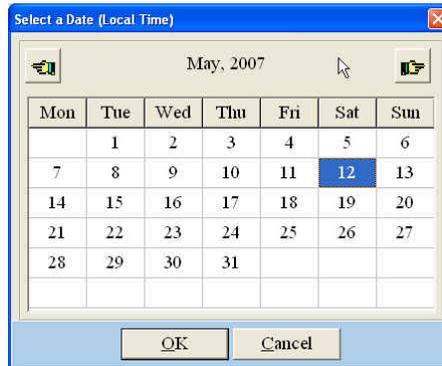
details for the trip filled in.

Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]					
Trip	Effort	Kept / Discarded	Landings	Trip Notes	Transmit
Trip Identifier: 54632107050400					
Vessel Name CALICO		USCG Doc. / State Reg. 3254654	Vessel Permit # 546321		
Trip Type <input checked="" type="radio"/> Commercial <input type="radio"/> Party <input type="radio"/> Charter			# of Crew Members (including operator) 3		
Departure Date and Time 5/3/2007 8:24:40 PM		Port of Departure (city and state) Woods Hole MA			
Operator Name JOHN SMITH		Operator Permit # 10012345			
Exit and Save		Exit Without Saving		Help	
Logged in as user		GPS Signal Indicator: GPS Off			

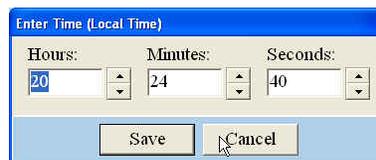
2. Review the details, and correct any errors:

- Check the **USCG Doc/State Reg** and **Vessel Permit #** fields.
- Change the trip type by clicking the radio buttons.
- Change the crew numbers by clicking the up and down arrows.
- For party or charter trips, select the number of anglers by clicking on the up and down arrows. This field is invisible for commercial trips.
- Change the operator by selecting another name from the list.

- Change the departure date by clicking on the calendar icon, selecting the date, and clicking **OK**.



- Change the departure time by clicking on the clock icon, selecting the time, and clicking **Save**.



Trip Identifier:

Set Identifier

If you see a **Set Identifier** button at the top of the window, you must set the trip identifier manually. The first six digits of the ID are your vessel's federal permit number, and the last eight digits of the ID are the date and time when you set it. NMFS uses this number to identify this trip uniquely, and to link various databases together. Although you can set the trip ID any time before you make a landing, now is also a good time. To have FLDRS set the ID automatically, ask your NMFS technician.

Decide what to do next:

I am only setting up the trip and have no fishing data to enter yet.

Click the **Exit and Save** button. Do not close down FLDRS. When you are ready to add fishing data, click the **Edit Trip** button; see page 53.

I made a mistake, and I don't want to keep this trip data.

Click the **Exit without Saving** button. Click **OK** in the warning message.

I am ready to enter fishing data.

Keep reading.

Fishing

Next, you enter details about each haul or fishing effort.

Why call it a “fishing effort”? Because fishing gear and techniques vary so much between different fisheries, and FLDRS supports them all. Examples of various fishing efforts are: an individual otter trawl tow/haul, a scallop dredge haul, a longline set, a string of pots, or one harpoon throw.

To record the fishing effort, you select the type of gear, record the setting and hauling, and the average depth that the gear fished.

Choose fishing details

To set the gear and geographic data for a fishing effort:

1. If you need to open the trip, see page 53. If the trip is already open, go on to the next step.
2. In the FLDRS window, click the Effort tab.

Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]

Trip: **Effort** | Kept / Discarded | Landings | Trip Notes | Transmit

Vessel Name: CALICO | Departure Date and Time: 5/3/2007 8:24:40 PM | Trip Identifier: 54632107050400

Gear Used: [Dropdown] | Effort Duration: [Set - Start] [Set - End] [Haul - Start] [Haul - End] | Effort Location: [Coordinates]

Hours: [] Minutes: [] | Stat Area: [] Avg Depth: []

** Calculated from difference in time at end of set and time at start of haul | ** Stat area calculated from location at start of haul

New Effort | Delete Effort | View No. Pad | Help

#	Gear Type	Mesh	Size	Qty	Tow Time	Area	Depth

Logged in as user | GPS Signal Indicator: GPS Off

- In the middle of the window, click the **New Effort** button. The default gear values for the vessel appear.

Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]

Trip	Effort	Kept / Discarded	Landings	Trip Notes	Transmit		
Vessel Name		Departure Date and Time		Trip Identifier			
CALICO		5/3/2007 8:24:40 PM		54632107050400			
Gear Used		Effort Duration		Effort Location			
FLATNET - 6.5 MESH - DIAM							
Gear Type		Set - End		Haul - Start			
Otter Trawl Bottom, Fish		[Hand Icon] [Set - End] [GPS Icon] [End]		[Hand Icon] [Haul - Start] [GPS Icon] [Start]			
Codend/Liner (in)		Tow Time per Haul		Stat Area Avg Depth			
6.5		Hours Minutes		[Stat Area] [Avg Depth] Fathoms			
Sweep/Foot Rope Length (ft)		120					
# of Nets		1					
Mesh Type		** Calculated from difference in time at end of set and time at start of haul		** Stat area calculated from location at start of haul			
<input type="radio"/> Square <input checked="" type="radio"/> Diamond							
New Effort		Delete Effort		View No. Pad Help			
#	Gear Type	Mesh	Size	Qty	Tow Time	Area	Depth
1	Otter Trawl Bottom, Fish	6.5	120	1	0:0		Fathoms

Logged in as user GPS Signal Indicator: GPS Off

- Check the details for the gear, and choose another gear configuration if they are wrong. If you can't find the gear you are using for this effort, go back to the Trip tab, click **Exit and Save**, and see page 42.

When you set the gear, the Set and Haul buttons get precise times and positions from the GPS unit. See page 62 to find out exactly when to click these buttons; the timing depends on the type of gear you are using. If you are using fixed gear, you see four buttons; for mobile gear, you see two.

To clear all the values for an entry, click its hand icon.

- When you start to **set the gear**, click the **Set—Start** button.
- When the gear **starts** fishing, click the **Set—End** button.
- When the gear **stops** fishing, click the **Haul—Start** button.
- When the gear **hits the deck**, click the **Haul—End** button.

If you forget to click a button, enter estimates by using the calendar, clock, and globe icons in the same row as the forgotten button; see page 58. If you make estimates, mention that in the Trip Notes; see page 20.

5. Complete the **Average Depth** field. Enter the average **gear depth**, not the average water depth.

For fixed gear such as pots, longline or gillnets, enter the average depth from anchor to anchor. For mobile gear such as trawls or dredges, enter the average depth fished between the end of the set and the start of the haul.

6. Check that the value in the **Stat Area** field is correct. FLDRS automatically uses the GPS location where you clicked the **Haul—Start** button.

Choose species names

To record the species caught in this fishing effort:

1. Click the Kept/Discarded tab.
2. Highlight the effort in the list near the top.

Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]

Trip: Effort: Kept / Discarded Landings: Trip Notes: Transmit

Vessel Name: CALICO Departure Date and Time: 5/3/2007 8:24:40 PM Trip Identifier: 54632107050400

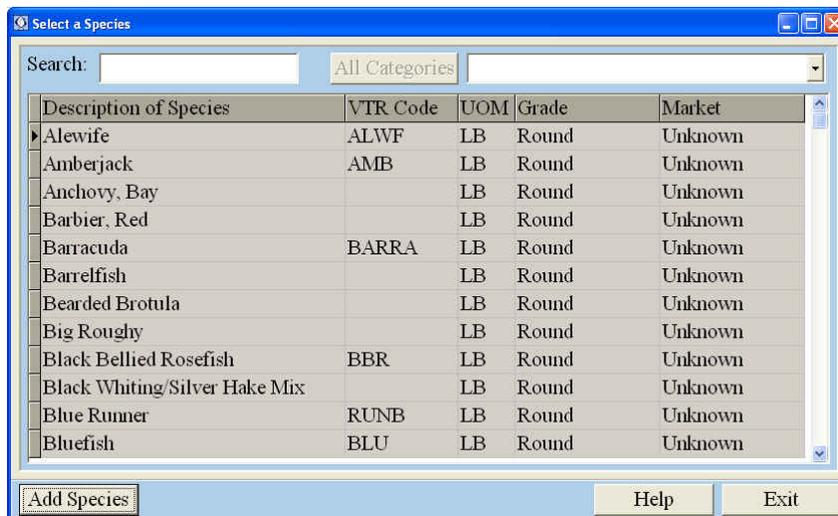
#	Gear Type	Mesh	Size	Qty	Hauls	Tow Time	Area	Depth
1	Otter Trawl Bottom, Fish	6.5	120	1	1	06:00	100	25 Fath

Add Species Delete Species Water Haul? Trip Totals View No. Pad Help

Description of Species	Units	Kept	Discarded	Priority
Cod, Atlantic - Round	Pounds	0	0	1
Cod, Atlantic - Gutted	Pounds	0	0	2
Goosefish - Round	Pounds	0	0	3
Goosefish - Tails	Pounds	0	0	4
Goosefish - Livers	Pounds	0	0	5
Haddock - Round	Pounds	0	0	6
Haddock - Gutted	Pounds	0	0	7
Hake, Atlantic, Red & White - Round	Pounds	0	0	8
Hake, Silver (Whiting) - Round	Pounds	0	0	9
Pollock, Atlantic - Round	Pounds	0	0	10
Pollock, Atlantic - Drawn	Pounds	0	0	11

Logged in as user GPS Signal Indicator: GPS Off

3. If you caught nothing at all for a particular effort, click the **Water Haul** checkbox. You are done with this effort, though you can describe what happened in the Trip Notes section; see page 20.
4. Check the list of species names. It should include everything you caught, with appropriate grade codes.
5. To add a species to the list:
 - a. Click the **Add Species** button.



- b. Highlight the name of the species, market category, and grade code to add. To jump to a name, click in the **Search** field and type the first few letters of the species name.
- c. Click the **Add Species** button.
- d. Click **Exit** when you are done adding species. FLDRS adds the items to the bottom of the list, in the order you added them. You can sort the whole list alphabetically by clicking the Description of Species header. To return to sorting by priority, click the **Priority** field header.

TIPS: If you keep having to add the same species over and over again, change the species list for the gear; see page 35. You can also exclude species from the list for the gear. To make these changes, go to the Trip tab, click **Exit and Save**, click **Software Setup**, and go to the Gear tab. When you have fixed the list, exit from Software Setup and click the **Edit Trip** button to resume work on your trip report.

You can delete a species by clicking the **Delete Species** button and then clicking **Yes** in the message. This step is optional, since species with amounts of zero are dropped from the report.

When the list of species names is complete, you can go on to record amounts.

Enter species amounts

To enter kept and discarded amounts for each species:

1. Highlight the fishing effort in the top half of the window. The species and grades expected in that effort appear in the lower half of the window.

Logged in as user GPS Signal Indicator: GPS Off

2. In the list of species names, highlight the species.
3. Click on the **Kept** field.
4. Enter the amount of this species that you kept, checking the grade and the units of measure.
5. Press the Tab key (or click on the **Discarded** field).
6. Enter the amount of this species that you discarded.
7. Press Tab again to move to the next species.

If a species was wrongly sorted or identified, just click the **Add Species** button to include it in the list, and then enter values for the amounts that you kept and discarded.

Numeric Pad			
1	2	3	Kept
4	5	6	Discard
7	8	9	>
0	Clear		<

TIP: With the numeric pad, you can use the mouse to enter values, which may be easier than typing with cold, wet fingers.

To open the numeric pad, click the **View Number Pad** button.

It works like a calculator. Click each digit of the value, and then click a button to put the value into a field. For example, to record that **24** pounds of round Atlantic cod was discarded, you would click **2**, then **4**, and then click **Discard**. The species name appears in the numeric pad. Use the **<** and **>** to move between species.

To close the number pad, click the **Close Number Pad** button on the FLDRS window. The button is not on the numeric pad itself.

When you have recorded all the species, decide what to do next:

I want to record another fishing effort.

Go back to the Effort tab. Click the **New Effort** button to clear the fields, and follow the steps on page 9 again.

I don't plan another fishing effort soon, but I haven't landed yet.

Save the trip by clicking on the Effort tab. Do not log out of FLDRS.

I am done fishing and ready to add landing data.

Click on the Landings tab and keep reading.

Landing

In the **Landings** tab, you describe the fate of the retained catch, listing the ports where you offloaded fish and the names of the dealers who bought the fish at each individual port of landing. If some of the catch was used for bait or home consumption, you must report that. **All kept poundage must be recorded.**

If your entire trip was a bust (there was no catch at all for the entire trip) then skip to page 19.

Choose landing details

To enter landing details:

1. Click the Landings tab at the top of the window.
2. Click the **New Landing** button at the bottom of the window.

The screenshot shows the FLDRS interface with the 'Landings' tab selected. The 'New Landing' button at the bottom left is circled in black. The interface displays the following information:

Trip	Effort	Kept / Discarded	Landings	Trip Notes	Transmit
Vessel Name		Departure Date and Time		Trip Identifier	
CALICO		5/3/2007	8:24:40 PM	54632107050400	

Port Landed	State	Date Landed	Time Landed	End of Trip?

Description of Species	Qty Landed	To Allocate	Dealer Name	Date Sold

Buttons at the bottom: New Landing (circled), Delete Landing, Split Species, Delete Species, View No. Pad, Help.

FLDRS asks you if the landing is the last one for the trip. If you are uncertain, go ahead and make it the end port, because you can add another port later; see page 15.

3. Check the defaults, including the date and time of the landing.

Decide what to do next:

I sold my entire catch to my default dealer on the default date without reserving any for bait, home consumption, or other use.
Go to page 15.

I split my catch between several dealers.
Go to page 15.

I plan to land fish at several ports.
Go on to the next section, and then go to page 18.

Change the port of landing

If you are **not** landing your fish at the default port:

1. Click the **Port Landed** field.

Port Landed	State	Date Landed	Time Landed	End of Trip?
Woods Hole	MA	5/3/2007	8:32:19 PM	No

2. Select the state where you landed, and then highlight the port where you landed. Click the **Select** button.

The 'Select Ports' dialog box shows a grid of state buttons (CN, CT, DE, MA, MD, ME, NC, NH, NJ, NY, PA, PR, RI, SC, VA). The 'MA' button is highlighted. Below the grid is a list of ports with their corresponding states, all of which are 'MA'. The 'Acushnet' port is highlighted. At the bottom, there is a search field, a 'Select' button, and a 'Cancel' button.

3. To change the landing date and time, click on the **Date Landed** and **Time Landed** fields. Use the calendar and clock to set the new date and time.

Port Landed	State	Date Landed	Time Landed	End of Trip?
Woods Hole	MA	5/3/2007	8:32:19 PM	No

If this is last (or only) port in the trip, it is the end port—where you offload all the fish from a trip and there are no fish left in the hold.

Add another landing

If you land your catch in more than one port, record the first port as usual. When you are ready to record landing data for the next port:

1. Click the Landings tab. If you need to open the trip first, see page 53.
2. Click on the **End of Trip?** field for the port that's currently the last port. The value changes to No.

Port Landed	State	Date Landed	Time Landed	End of Trip?
Woods Hole	MA	5/3/2007	3:19 PM	No

3. Click the **New Landing** button in the bottom left corner of the window.

FLDRS asks you if the landing is the last one for the trip. If you are not sure yet, choose **Yes**; you can easily change it later.
4. If you did **not** land at the default port, click the **Port Landed** field, choose the port where you landed, and click the **Select** button.
5. If you did **not** land at the default date and/or time, set the actual date and time by clicking on the **Date Landed** and **Time Landed** fields. A dialog box prompts you to set the correct date or time.
6. If you plan to land at another port, allocate this catch and wait until you are ready to enter data for the next port. Then repeat these steps.

Allocating the Catch

For each species, you must select:

- the dealer to whom you sold the species
- the date of the sale
- the amount you sold

Set the dealer name

The name of your usual dealer should appear in the **Dealer Name** field.

Fish that you kept for bait or for home consumption are recorded as sales—there are special “dealer names” for these uses.

If you did **not** sell to the default dealer, choose the dealer who bought the fish:

1. Locate the species name in the list.
2. Click twice (not double-click) on the species name and grade in the list.
3. Choose the new dealer name from the drop-down list.

Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]

Trip	Effort	Kept / Discarded	Landings	Trip Notes	Transmit
Vessel Name		Departure Date and Time		Trip Identifier	
CALICO		5/3/2007 8:24:40 PM		54632107050400	
Port Landed	State	Date Landed	Time Landed	End of Trip?	
▶ Falmouth (Falmouth Center)	MA	5/3/2007	8:32:19 PM	No	
Description of Species	Qty Landed	To Allocate	Dealer Name	Date Sold	
▶ Cod, Atlantic - Round	54	0	Atlantic Coast Seafood Inc	5/3/2007	
Goosefish - Round	654	0	Atlantic Coast Seafood Inc	5/3/2007	
Haddock - Round	590	0	Home Cod Shellfish/Sfd Co	5/3/2007	
Hake, Atlantic, Red & White - Round	89	0	Chatham Fish & Lobster Co Inc	5/3/2007	
			Home Consumption		
			Sold Or Retained As Bait		

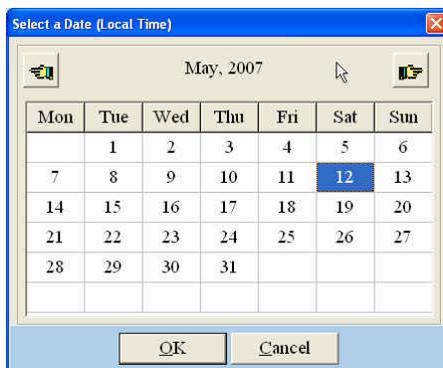
Logged in as user GPS Signal Indicator: GPS Off

If you don't see the dealer's name in the list, you need to add it. Click on the Trip tab, click **Save and Exit**, and then follow the instructions on page 47. After you add the dealer name and close Software Setup, you can click the **Edit Trip** button and return to the Landings tab to record the sale.

Set the date of the sale

Next, set the date of the sale. By default, FLDRS uses the date of the system clock. To change the sale date:

1. Locate the species name in the list.
2. Click the **Date Sold** field for the species, select the date, and click **OK**.



For bait or home consumption, use the end of the trip date as the sale date.

Set the amount of the species

Finally, set the amounts in the sale. If you sold the entire amount of one species to one dealer, skip to page 19.

Splitting up a species

If you split up a species to sell to dealers in the same port, or reserved part of the species for home consumption or bait, you must allocate the proper amounts.

To allocate a species between two dealers:

1. In the Landings tab, select the species name in the list.
2. Click the **Split Species** button to add another entry for the species.
3. Click twice (not double-click) on the **Dealer Name** field for the new species entry.
4. Choose the new dealer name from the list.

Now you can enter the amount to allocate to the new dealer:

1. Click on the **Qty Landed** amount for the species.
2. Enter the amount of fish sold to this dealer.
3. Click another entry in the list, to update the fields. Now the **To Allocate** field on the right shows how much is left to allocate. If your amounts do not tally, see page 60.

Port Landed	State	Date Landed	Time Landed	End of Trip?
Falmouth (Falmouth Center)	MA	5/3/2007	8:32:19 PM	No
Woods Hole	MA	5/6/2007	11:54:30 AM	Yes

Description of Species	Qty Landed	To Allocate	Dealer Name	Date Sold
Cod, Atlantic - Round	54	0	Atlantic Coast Seafood Inc	5/6/2007
Goosefish - Round	2034	0	Atlantic Coast Seafood Inc	5/6/2007
Haddock - Round	590	0	Atlantic Coast Seafood Inc	5/6/2007
Hake, Atlantic, Red & White - Round	88	0	Atlantic Coast Seafood Inc	5/6/2007

If you mistakenly add an extra entry for a species, highlight it in the list and then click the Delete Species button. You cannot delete the only entry for a species, though.

Splitting up a species between different dealers in different ports

If you landed fish in more than one port, and split up a species to sell to different dealers in different ports:

1. Select the port. In the **Port Landed** field, highlight the name of the port.
2. Next, adjust the amount for a species:
 - a. Clicking on the **Qty Landed** field.

- b. Enter the amount of fish sold to this dealer.
 - c. Press the Tab key twice to recalculate the values. The **To Allocate** field on the right shows how much you can allocate.
3. If you need to change the dealer name, click twice (not double-click) on the **Dealer Name** field for the new entry, and choose a different dealer from the list.

Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]

Trip	Effort	Kept / Discarded	Landings	Trip Notes	Transmit
Vessel Name		Departure Date and Time		Trip Identifier	
CALICO		5/3/2007 8:24:40 PM		54632107050400	
Port Landed	State	Date Landed	Time Landed	End of Trip?	
Falmouth (Falmouth Center)	MA	5/3/2007	8:32:19 PM	No	
Description of Species	Qty Landed	To Allocate	Dealer Name	Date Sold	
Cod, Atlantic - Round	54	0	Atlantic Coast Seafood Inc	5/3/2007	
Goosefish - Round	654	0	Atlantic Coast Seafood Inc	5/3/2007	
Haddock - Round	590	0	Cape Cod Shellfish/Sfd Co	5/3/2007	
Hake, Atlantic, Red & White - Round	89	0	Northam Fish & Lobster Co Inc	5/3/2007	
			Home Consumption	5/3/2007	
			Sold Or Retained As Bait		

Logged in as user GPS Signal Indicator: GPS Off

If you landed at several ports and split up a species to sell in the various ports, remember to select the correct port before you click the Split Species button.

Finishing Up

When the entire catch has been allocated, you are almost done. The last few steps are:

- Adding trip notes
- Checking the data
- Previewing the trip report—optional
- Transmitting the data

Enter any trip notes

In the Trip Notes tab, you can enter brief comments or notes. They are optional, but any information that helps with interpreting the data is very welcome.

You can enter trip notes whenever you think of them or all at one time.

To enter notes:

1. Click the Trip Notes tab.

Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]

Trip	Effort	Kept / Discarded	Landings	Trip Notes	Transmit
Vessel Name		Departure Date and Time		Trip Identifier	
CALICO		5/3/2007 8:24:40 PM		54632107050400	

Trip Notes (255 character limit)

nms observer on board
steering problems after haul 4, went home early

Help

Logged in as user GPS Signal Indicator: GPS Off

2. Type your comments into the field. You can enter up to 255 characters. FLDRS saves your entry when you click on another tab.

Check the data

Before you send a trip report, make sure that the data is valid (no errors) and correct (true). **After a report has been transmitted, you cannot edit it using the FLDRS software.**

To review the data:

1. Click the Transmit tab at the top of the window.

2. Click the **Check Trip** button at the bottom of the window.

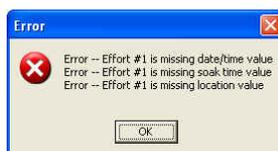
Fisheries Logbook Data Recording System - [Electronic Logbook (ELB)]

Trip	Effort	Kept / Discarded	Landings	Trip Notes	Transmit
<p>Vessel Name: CALICO Departure Date and Time: 5/3/2007 8:24:40 PM Trip Identifier: 54632107050400</p> <p>VMS Export (submit report to National Marine Fisheries Service)</p> <p>File Destination: C:\Program Files\skymate\dropbox\ Recipient Address: vers@mercury.wh.whoi.edu</p> <p>Data Backup (export to local drive)</p> <p>File Destination: C:\Program Files\FLDRS1_0\Local_Backup\ Browse</p>					

Buttons: Check Trip (circled), Previous, Export Trip, Help, Exit and Save

Status: GPS Signal Indicator: GPS Off

A message tells you when the check is complete. It may contain information about errors. For more information, see page 69.



You must fix all the errors before you can transmit the report, and you cannot start another trip report until you transmit this one.

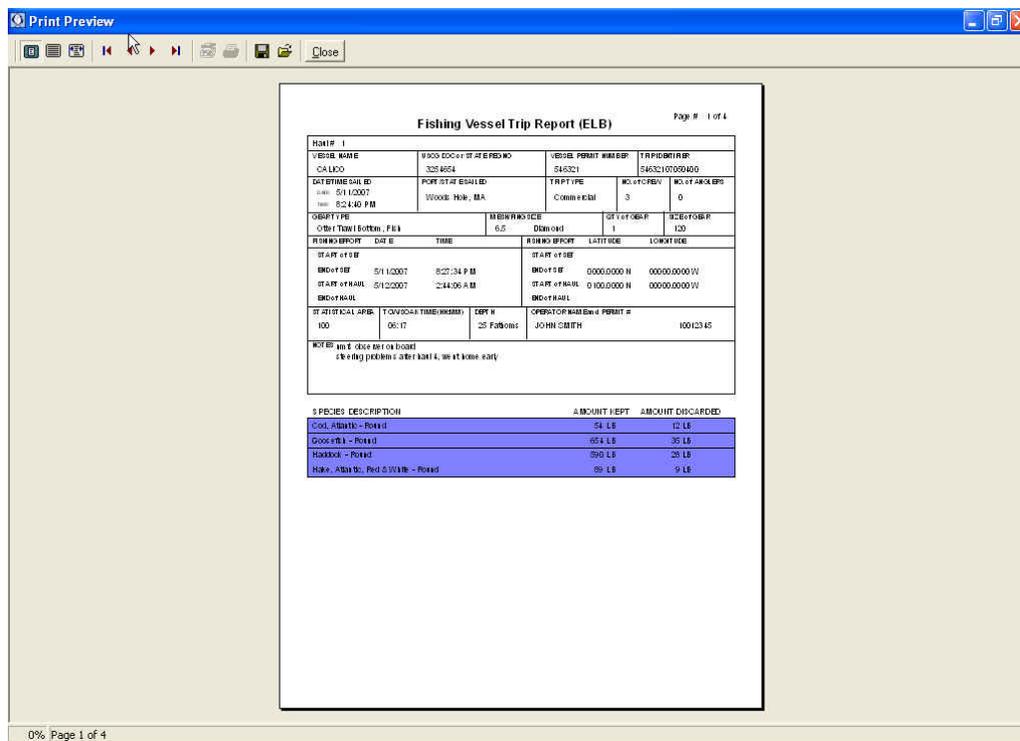
When the check runs without errors, you get this message:



Now the other buttons on the Transmit tab are available.

Preview the data

To review the trip data in an FVTR-like format, click the **Preview** button.



The buttons on the Preview window are:

Icon	What it does
Zoom to fit	Fits the entire page into the window.
100%	Shows the report as it would fit on a real piece of paper.
Zoom to width	Makes the report as wide as the Preview window.
First page	Shows the first page of the report.
Previous page	Shows the preceding page.
Next page	Shows the following page.
Last page	Shows the last page of the report.
Printer setup	Opens the Windows print dialog, so you can set up any Windows printer.

<i>Icon</i>	<i>What it does</i>
 Print	Sends a copy of the report to the Windows default printer. To use a different printer, click the Printer setup icon, select the printer name, and click OK. Then click the Print button. Remember that a trip with many fishing efforts consumes many pages.
 Save report	Saves a copy of the report in Quick Report format. The file name extension is .qrp but the format is not widely used, so you probably can't open it with other programs.
 Open report	Opens a .qrp file.
 Close	Closes the preview window and returns to the FLDRS Transmit tab.

Click the **Close** button when you are done with the report.

If you need to change a value, return to the tab where you entered the value and change it. After that, return to the Transmit tab and check the trip again before you transmit it.

Transmit the data

After the data has been checked and found error-free, you can transmit it. FLDRS formats the data and then uses your VMS system to send the data to NMFS.

Once you export a trip report, it can never be edited using FLDRS. Make sure all the information is correct and complete before you click the Export Trip button.

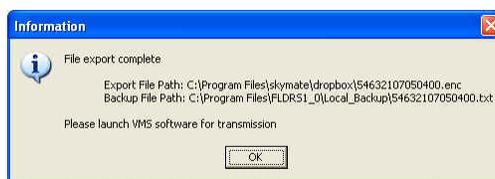
To send the data:

1. If you previewed the report, click **Close** on the Preview window.

- In the Transmit tab, check the backup file destination. You may edit the path.

- Make sure that your VMS is running, and then click the **Export Trip** button.

FLDRS sends a confirmation message, and files the trip data.



You can never edit the trip again, but you can view it in an FVTR-like format; see page 22.

- Click the **Exit and Save** button to return to the FLDRS window. Now that the trip is complete, you may log out and exit FLDRS.

Set FLDRS Defaults

When you record a trip, FLDRS automatically provides default values for most of the trip data. For each item, the default value should be the one you use the most often, so you never have to type or select that value. If

you keep on having to select different values, you can adjust the defaults so you have less typing to do.

Some values can only be set or added by the NMFS technician. Here are the defaults you can set without the technician's help:

- Operator name and permit number. See page 26.
- Vessel name, USCG doc, permit number, and active status. See page 30.
- Fishing gear type, description, and details. See page 41.
- Lists of species that you usually catch with a particular type of gear. See page 35.
- All the dealers you work with. See page 41.

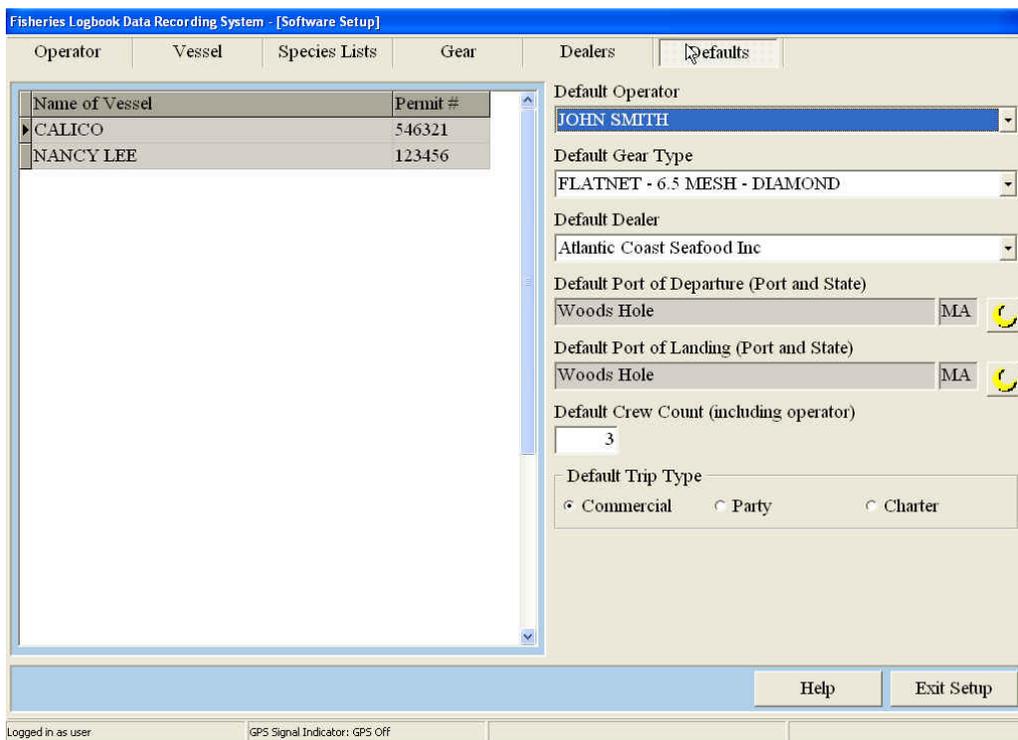
Review the Defaults

For each vessel, FLDRS keeps a set of default values that includes gear, port of landing, usual dealer, trip type, crew size, etc.

To see or edit the current defaults for a vessel:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.

2. Click on the Defaults tab. This tab shows vessel names on the left, with default values for the selected vessel on the right.



3. To see the defaults for a vessel, click its name in the list on the left.
4. To change a default value for a vessel, choose a different value from the list on the right.

Operators

For FLDRS, the operator of a vessel is the holder of a federal operator's permit.

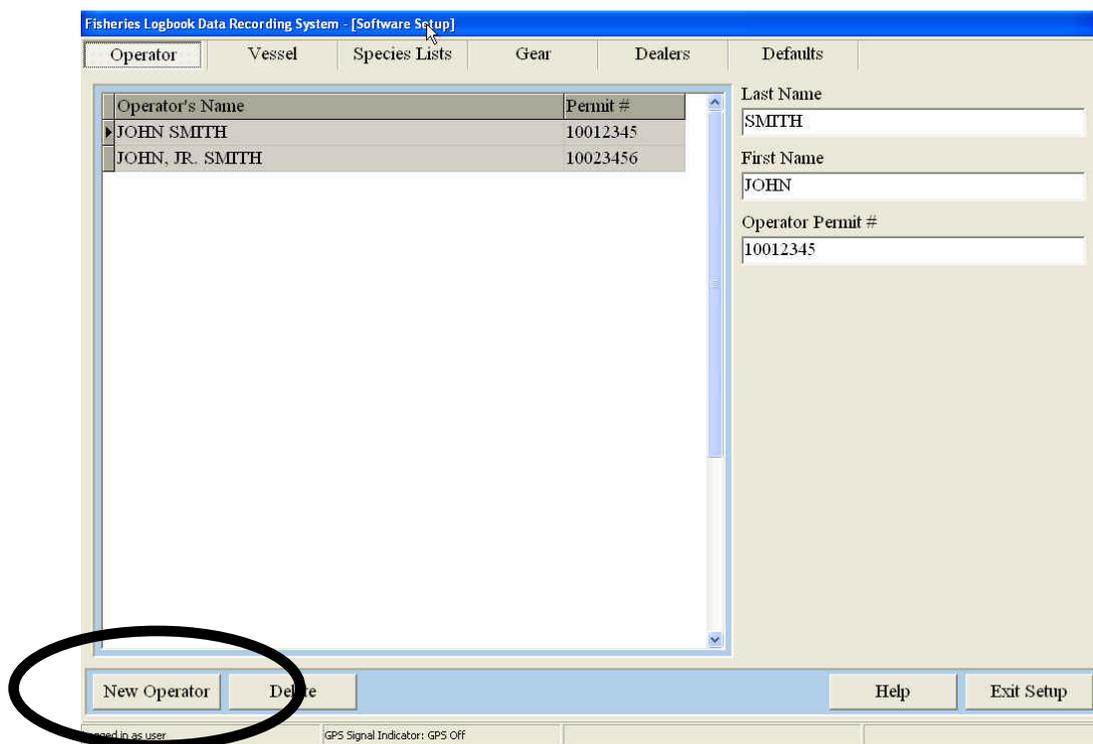
Add an operator

To add a new operator, you need the operator's name and that person's current, valid federal permit number.

To add a new operator:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open to show the current list of operators.

2. Click the *New Operator* button.



3. Enter the new operator's last name, first name, and federal permit number. The permit number is an eight-digit value that starts with 100; for example, 10012345.

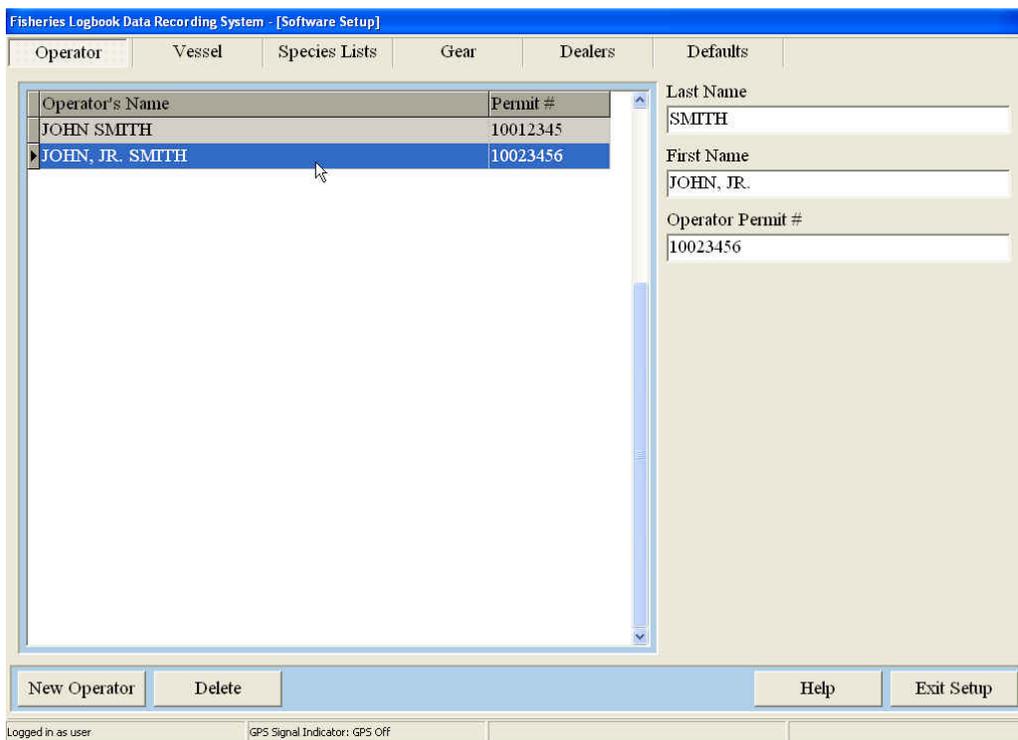
FLDRS saves the new details when you click on another tab or click the *New Operator* button again. If you don't want to save the new operator, make sure it is highlighted and then click the *Delete* button. In the warning message, click *Yes* to delete the operator, or click *No* to keep it.

Edit an operator's details

To edit an operator name:

1. On the main FLDRS window, click the *Software Setup* button. The Software Setup window appears, with the Operator tab open to show the current list of operators.

2. In the list on the left, highlight the operator name to edit. The details appear on the right side of the window.



3. Click in the field you want to edit, and make any changes.
4. FLDRS saves your changes when you click on another field, go to another tab, or select another operator.

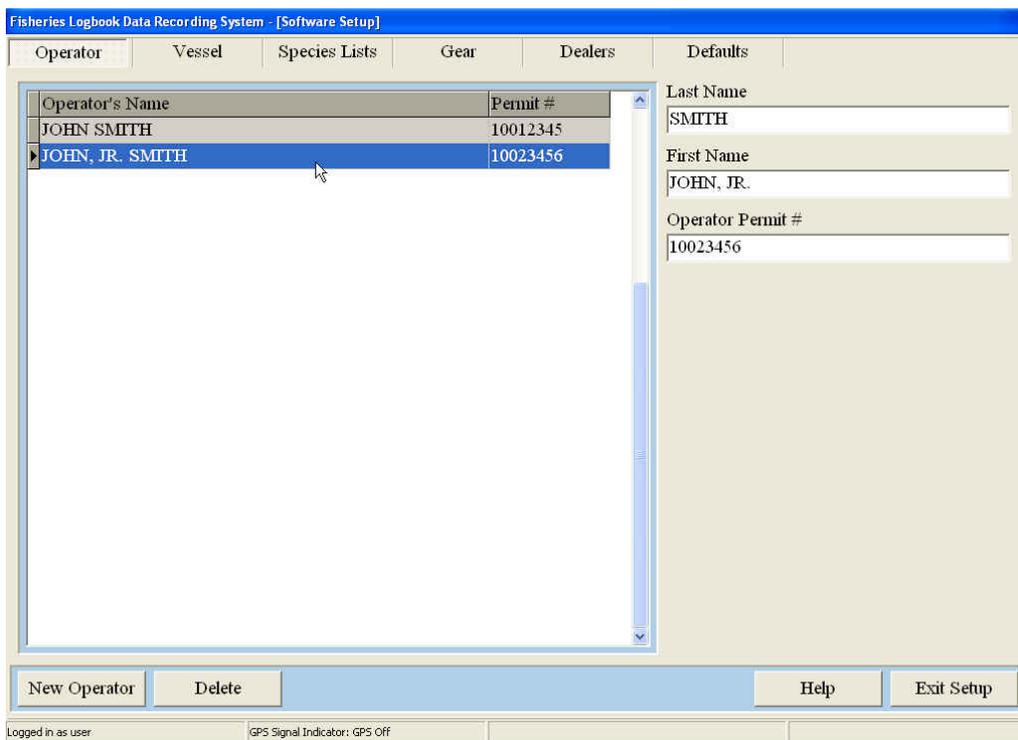
Delete an operator

If you create an operator name by mistake, you can delete it.

To delete an operator name:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open to show the current list of operators.

- Highlight the operator's name. The settings for that operator appear.



- Click the **Delete** button. In the warning message, click **Yes** to delete the operator, or click **No** to keep it.

Use an operator as the default

When you select a vessel for a trip, FLDRS shows the name and details of the vessel's default operator.

To make a different permit-holder the default operator for a vessel:

- On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.

2. Click on the Defaults tab. The current list of default values appears.

Fisheries Logbook Data Recording System - [Software Setup]

Operator Vessel Species Lists Gear Dealers **Defaults**

Name of Vessel	Permit #
CALICO	546321
NANCY LEE	123456

Default Operator: JOHN SMITH

Default Gear Type: FLATNET - 6.5 MESH - DIAMOND

Default Dealer: Atlantic Coast Seafood Inc

Default Port of Departure (Port and State): Woods Hole MA

Default Port of Landing (Port and State): Woods Hole MA

Default Crew Count (including operator): 3

Default Trip Type: Commercial Party Charter

Help Exit Setup

Logged in as user GPS Signal Indicator: GPS Off

3. In the Name of Vessel list on the left, select the vessel.
4. In the Default Operator list on the right, select the operator name.
5. FLDRS saves your changes when you click on another field, go to another tab, or select another default to edit.

Next time you enter a trip and select this vessel, the details for this operator appear automatically.

Vessels

When you start entering a trip, the active vessel is automatically selected, and FLDRS sets values for these items:

- The operator (the federal permit holder)
- The crew count (the usual number of crew members)
- The usual type of trip (party, commercial, or charter)
- The gear type (the gear configuration used most often)
- The dealer (the dealer to whom catches are most often sold)

- The departure port (the port where most trips start)
- The landing port (the port where most trips end)

Add a new vessel

To add a new vessel to FLDRS:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Vessel tab. The current list of vessels appears.

The screenshot shows the 'Fisheries Logbook Data Recording System - [Software Setup]' window. The 'Vessel' tab is active, displaying a table of existing vessels and a form for adding a new one.

Name of Vessel	Permit #
CALICO	546321
NANCY LEE	123456

The form for adding a new vessel includes the following fields:

- Name of Vessel: CALICO
- Permit #: 546321
- USCG Doc. / State Reg.: 3254654
- Active Vessel?:
- Call Sign: (empty)
- On-Vessel Phone #: (empty)
- Manufacturer: (empty)
- Model and Year Built: (empty)

Buttons at the bottom: New Vessel, Delete, Help, Exit Setup.

3. Click the **New Vessel** button.
4. Enter the vessel details:
 - a. The vessel name, as provided to the NMFS Permit Office.
 - b. The six-digit federal permit number.
 - c. The registration number. For a Coast Guard Vessel Registration, this number is six or seven characters. For a state registration, this number is four to eight characters.
 - d. Whether the vessel is active. Making a vessel active means its details appear by default when you start a new trip. Only one vessel may be active at any time.

All vessel information must be entered properly, or trip reports cannot be accepted by NMFS. It is critically important that you enter this information correctly.

5. You may enter other data for the vessel, such as the call sign, the on-vessel phone number, and the manufacturer, model and year built. This data is optional and is not sent to NMFS.
6. FLDRS saves your changes when you click on another tab, select another vessel, or click the **New Vessel** button again.

To save time when entering trip data, you should set default values for each vessel; see page 25.

Edit a vessel's details

To edit the details for a vessel:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Vessel tab. The current list of vessels appears.

The screenshot shows the 'Fisheries Logbook Data Recording System - [Software Setup]' window. The 'Vessel' tab is active, displaying a list of vessels on the left and a detailed form for the selected vessel 'CALICO' on the right. The list of vessels is as follows:

Name of Vessel	Permit #
CALICO	546321
NANCY LEE	123456

The detailed form for 'CALICO' includes the following fields:

- Name of Vessel: CALICO
- Permit #: 546321
- USCG Doc. / State Reg.: 3254654
- Active Vessel?:
- Call Sign: (empty)
- On-Vessel Phone #: (empty)
- Manufacturer: (empty)
- Model and Year Built: (empty)

Buttons at the bottom include 'New Vessel', 'Delete', 'Help', and 'Exit Setup'. The status bar at the bottom indicates 'Logged in as user' and 'GPS Signal Indicator: GPS Off'.

3. In the list of vessels, highlight the name of the vessel. The details appear on the right side of the window.

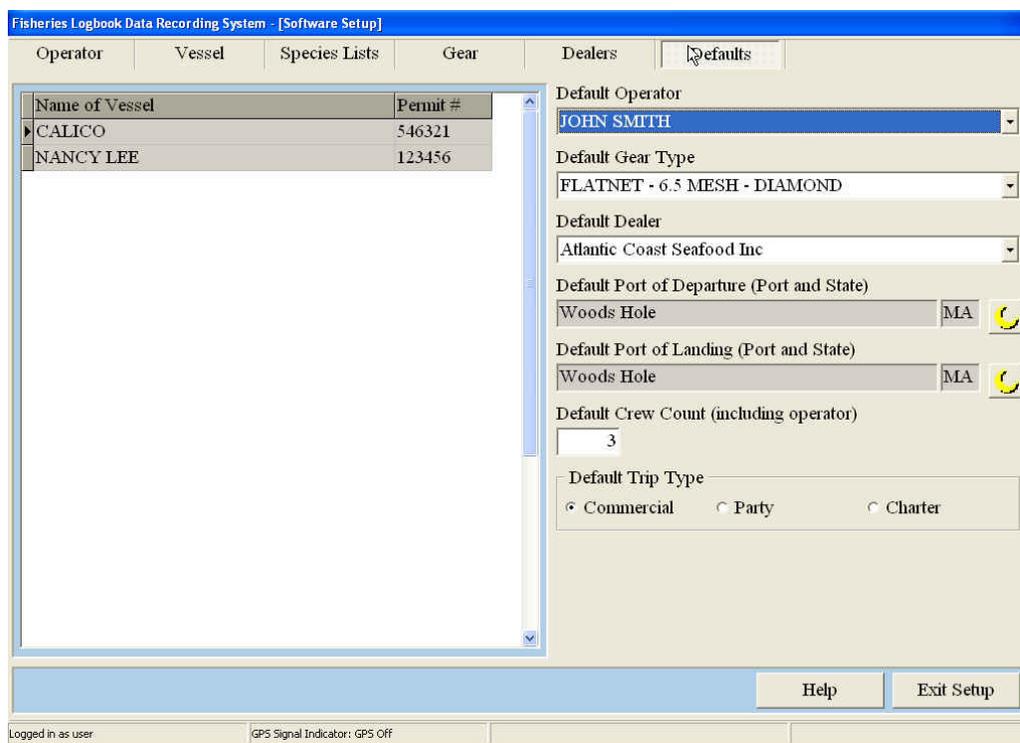
4. Edit the values. ***If you change the permit number or the registration number, you must notify the NMFS technician.*** FLDRS saves the details when you click on another vessel name, go to a different tab, or click the ***New Vessel*** button.

Set defaults for a vessel

When you select a vessel for a trip, FLDRS shows default details for the vessel. The details include the usual ports for departure and landing, along with crew count and the type of trip.

To set the different defaults for a vessel:

1. On the main FLDRS window, click the ***Software Setup*** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Defaults tab. The current defaults for the first vessel appear.



3. Highlight the vessel name in the list on the left side of the window.
4. Set the defaults:
 - In the ***Default Port of Departure (Port and State)*** field, click the moon icon. Click the appropriate state/province

button, select the port name from the list, and then click **Select**.

- In the **Default Port of Departure (Port and State)** field, click the moon icon. Click the appropriate state/province button, select the port name from the list, and then click **Select**.
 - In the **Default Crew Count** field, enter the usual number of crew members.
 - In the **Default Trip Type** field, select the usual purpose of the trip.
5. FLDRS saves your changes when you click on another field, go to another tab, or select another default to edit.

Next time you enter a trip and select this vessel, these details appear automatically.

Delete a vessel

To delete a vessel:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.

2. Click on the Vessel tab. The current list of vessels appears.

Name of Vessel	Permit #
CALICO	546321
NANCY LEE	123456

Name of Vessel: CALICO

Permit #: 546321 USCG Doc. / State Reg.: 3254654

Active Vessel?

** Optional Information - Not transmitted to the National Marine Fisheries Service

Call Sign: _____

On-Vessel Phone #: _____

Manufacturer: _____

Model and Year Built: _____

Buttons: New Vessel, Delete, Help, Exit Setup

Status: Logged in as user GPS Signal Indicator: GPS Off

3. In the list of vessels, highlight the name of the vessel.

4. Click the **Delete** button. In the warning message, click **Yes** if you want to delete the vessel, or **No** to keep it.

If you have saved a trip that is using this vessel, you cannot delete the vessel until the trip is either completed or deleted.

Species Lists

Species lists can make recording species in a catch much quicker. When you record a fishing effort, FLDRS provides a list of typically caught species in the Kept/Discarded tab, so you don't have to enter them each time. The list of species is created in the Species List tab, and then associated with a particular gear configuration in the Gear tab.

The species list is a shortcut way of associating the same group of species with a variety of different gear configurations. If you have several gear types that usually catch the same species, you can use just one list of species, and associate it with the different types of gear.

To create and use a species list, you use the Species List tab to create a list that contains species you typically catch, including those you discard.

The Species List tab also allows you to manage the lists after they are created; you can view, edit, or delete them. Next, you associate the list with one or more gear types, using the Gear tab.

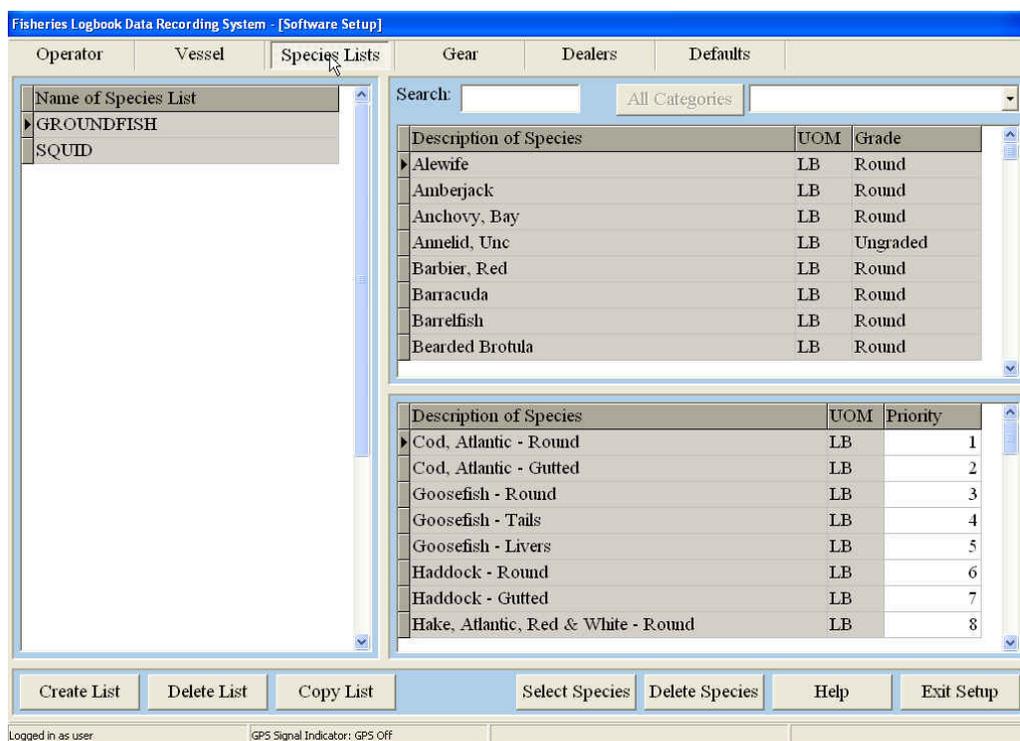
You should include both kept and discarded species in your species lists. For example, a flat-net species list could include yellowtail flounder, winter flounder, little skates, winter skates, spiny dogfish, Loligo squid, lobster, sea scallops, etc.

Don't hesitate to add occasionally caught species to a species list. FLDRS shows all the species in the species list in the Kept/Discarded tab, but it drops species with weights of zero from the final report. It's probably quicker to include species in the species list just in case, instead of having to add them whenever you catch them.

Create a new species list

To create a new list of species:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Species Lists tab.



The list on the left shows all the species lists. The list on the lower

right shows the species that are included in the highlighted list. The list on the upper right shows all the species you may add.

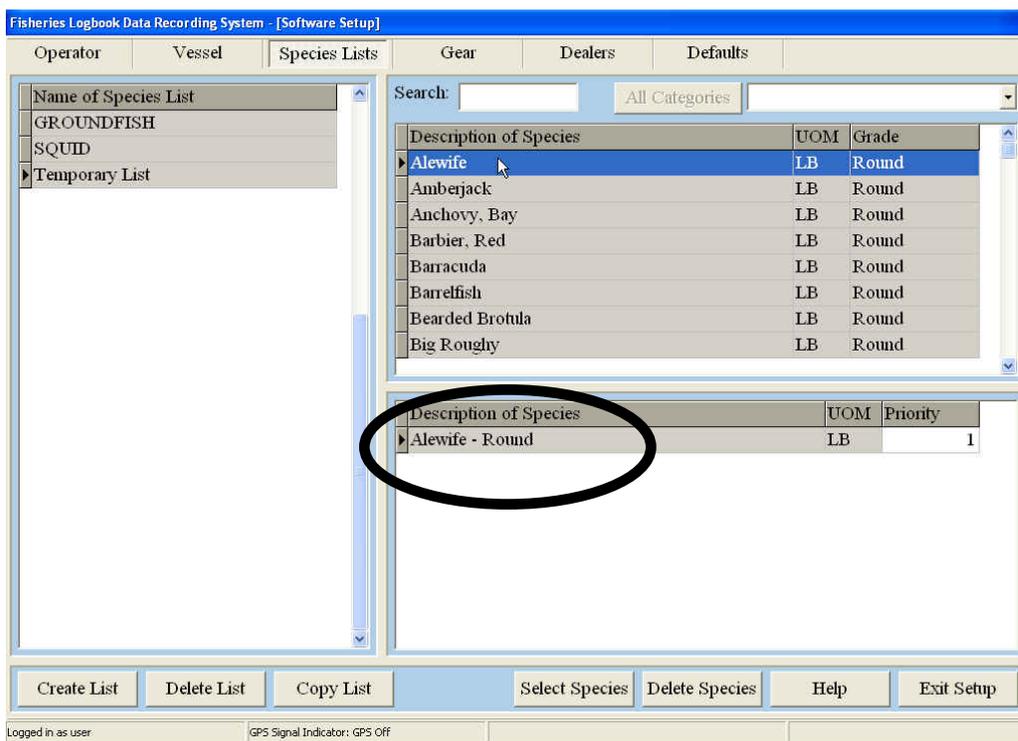
3. Click the **Create List** button at the bottom of the window. FLDRS prompts you to name the list. Choose something memorable and descriptive, and click **Save**.

FLDRS adds the new name to the list on the left side of the window, and shows its content in the Description of Species list in the lower right of the window. In this example, the species list named Temporary List is empty.

Description of Species	UOM	Grade
Alewife	LB	Round
Amberjack	LB	Round
Anchovy, Bay	LB	Round
Barbier, Red	LB	Round
Barracuda	LB	Round
Barrelfish	LB	Round
Bearded Brotula	LB	Round
Big Roughly	LB	Round

- To add a species to the list, find it in the list in the upper right of the window. Then double-click on it, or highlight it and then click the **Select Species** button at the bottom of the window.

FLDRS adds the species to the list on the lower right. In this example, the Temporary List now contains round alewife.



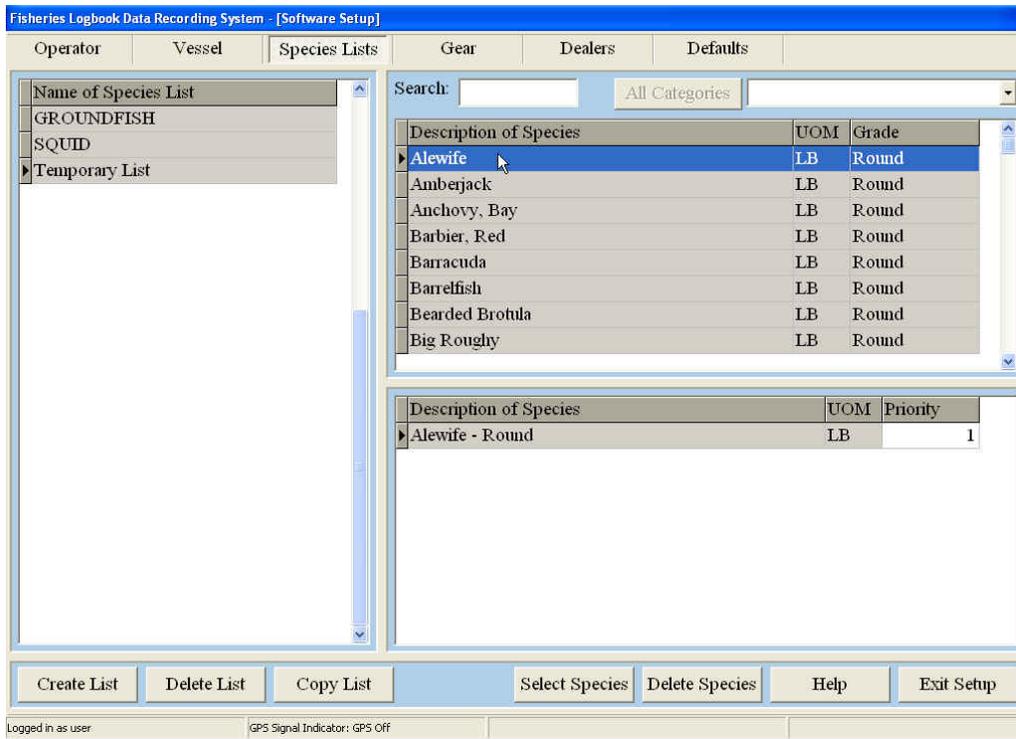
FLDRS saves your choices when you go to a different tab or click the **Exit Setup** button.

Adding species to a list

To add just a few species to a list:

- On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
- Click on the Species Lists tab.

- In the list on the left side of the window, select the name of the species list. The species in that list appear in the lower right of the window.



- In the Description of Species list on the upper right side of the window, double-click on the species you want to add.

FLDRS adds the species to the list in the lower right.

TIP: To make a new list that is very similar to a list that already exists, just copy the existing list into the new one. To create a new list and fill it with the contents of an existing list:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Species Lists tab.
3. Click the **Create List** button, and name the new list.
4. Click the **Copy List** button. The Select Named Species List dialog box appears. The Name of List box shows all the species lists. Highlight a list to see its contents in the Description of Species list.
5. In the Name of List box, highlight the list to include, and click the **Select List** button. The new list is created. You can edit it using the buttons on the Species List tab.

Deleting a species from a list

To delete a species from a species list:

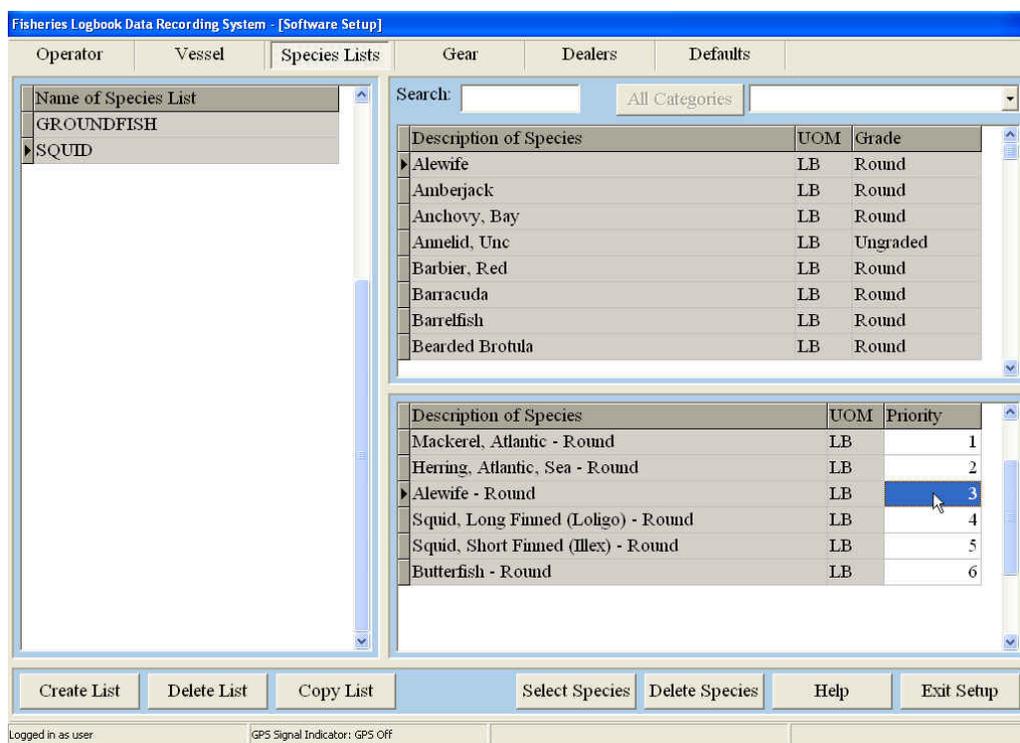
1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Species Lists tab.
3. In the list on the left side of the window, select the name of the species list. The contents of the list appear in the lower right side of the window.
4. To delete a species, highlight its name in the list in the lower right side of the window. Then click the **Delete Species** button, and click **Yes** to confirm.

Setting a priority for the species

You can use the priority to control the sorting of a species list. By default, FLDRS shows the species in the order you added them to the list. To change the sorting order, change the priority of the species in the list. Giving a species a high priority places it closer to the top of the species list in the Kept/Discarded window.

To edit the priority for a species:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Species Lists tab.
3. In the list on the left side of the window, select the name of the species list. The items in the species list appear in the list on the lower right side of the window.
4. Click on the **Priority** field for the species, and enter a new value. 1 is the highest priority. To update the list, click on another tab and then return to the Species List tab.



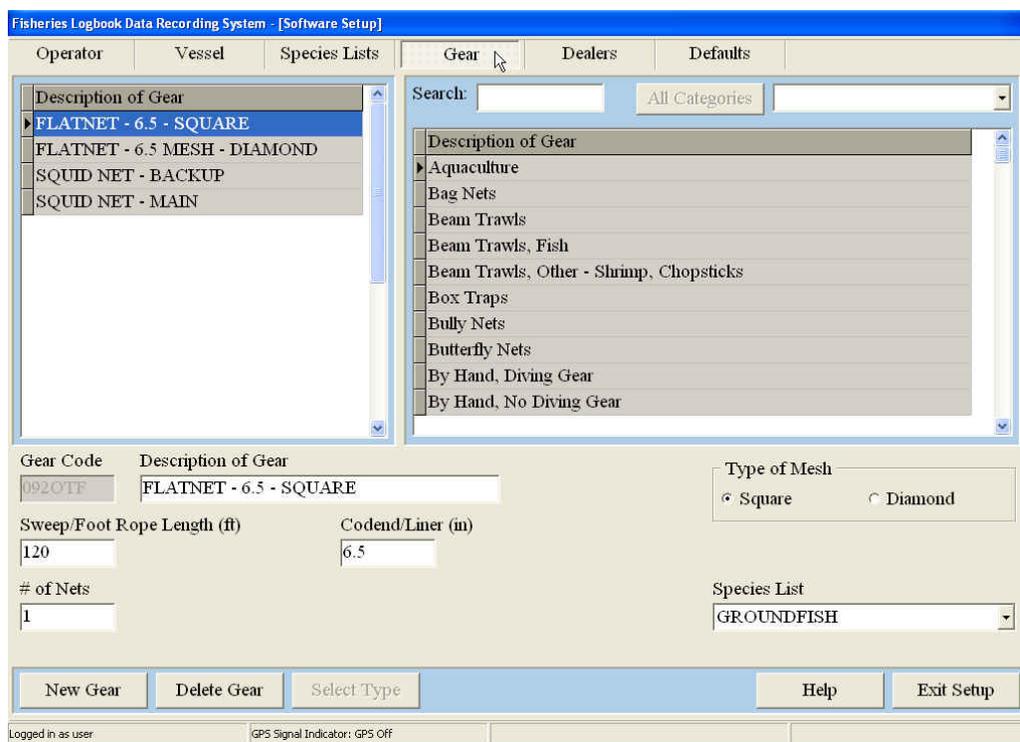
Gear

FLDRS keeps a separate record for each type of gear configuration you discussed with the NMFS technician at setup time. Every different variation of the same basic gear is treated as a separate gear configuration, with unique names and details for each of them. Don't be afraid to include all the possible configurations for the gear you use—this speeds up data entry during fishing. Use the Species List tab to associate a gear type with the group of species the gear usually catches.

Add new gear

To add a new type of gear:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
2. Click on the Gear tab. The current list of gear descriptions appears.



3. Click the **New Gear** button.
4. In the Description of Gear list on the right side of the window, highlight the kind of gear to add. To jump to a gear type, click on the **Search** field and type the first few letters of the gear type.

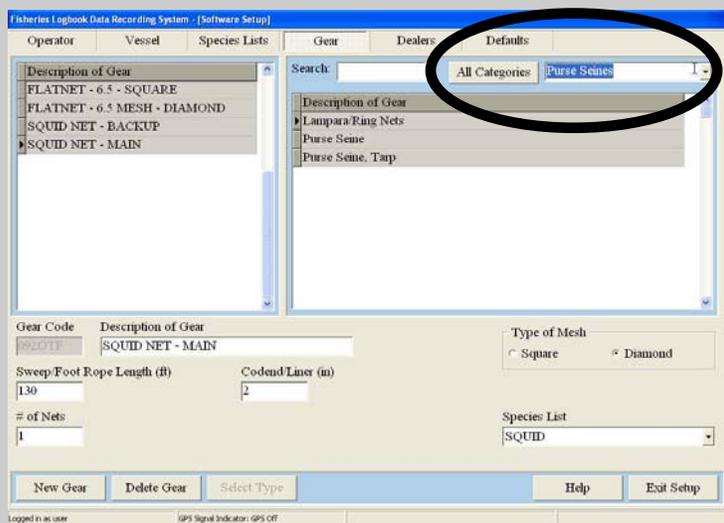
- Click the **Select Type** button at the bottom of the window. Fields for entering details of the particular gear type appear at the bottom of the window. The details differ depending on the gear; this list shows a squid net configuration.

The screenshot shows the 'Fisheries Logbook Data Recording System - [Software Setup]' window. The 'Gear' tab is selected. The left pane shows a list of gear types: FLATNET - 6.5 - SQUARE, FLATNET - 6.5 MESH - DIAMOND, SQUID NET - BACKUP, and SQUID NET - MAIN (selected). The right pane shows a search box and a list of gear categories: Aquaculture, Bag Nets, Beam Trawls, Beam Trawls, Fish, Beam Trawls, Other - Shrimp, Chopsticks, Box Traps, Bully Nets, Butterfly Nets, By Hand, Diving Gear, and By Hand, No Diving Gear. Below the panes, the following fields are visible: Gear Code (092OTF), Description of Gear (SQUID NET - MAIN), Sweep/Foot Rope Length (ft) (130), Codend/Liner (in) (2), # of Nets (1), Type of Mesh (Square and Diamond, with Diamond selected), and Species List (SQUID). At the bottom, there are buttons for New Gear, Delete Gear, Select Type, Help, and Exit Setup. The status bar at the very bottom shows 'Logged in as user' and 'GPS Signal Indicator: GPS Off'.

- Enter the details of the type of gear. Make the description something you can quickly recognize when you are selecting gear types during a trip. You may want to refer to the gear definitions on page 64.
- If you have set up a species list appropriate for this gear, use the Species List box in the lower right side of this window to associate the list with this gear definition. For more on species lists, see page 35.
- FLDRS saves your changes when you click on another tab, select another gear type, or click the **New Gear** button again.

TIP: Try narrowing down the gear choices.

Click on the list in the top right corner above the Description of Gear list, next to the **All Categories** button. The list shows basic types of gear such as trawl, long line, etc. Clicking a gear type thins out the Description of Gear list, so it shows only that type of gear. To see the full list again, click the **All Categories** button.



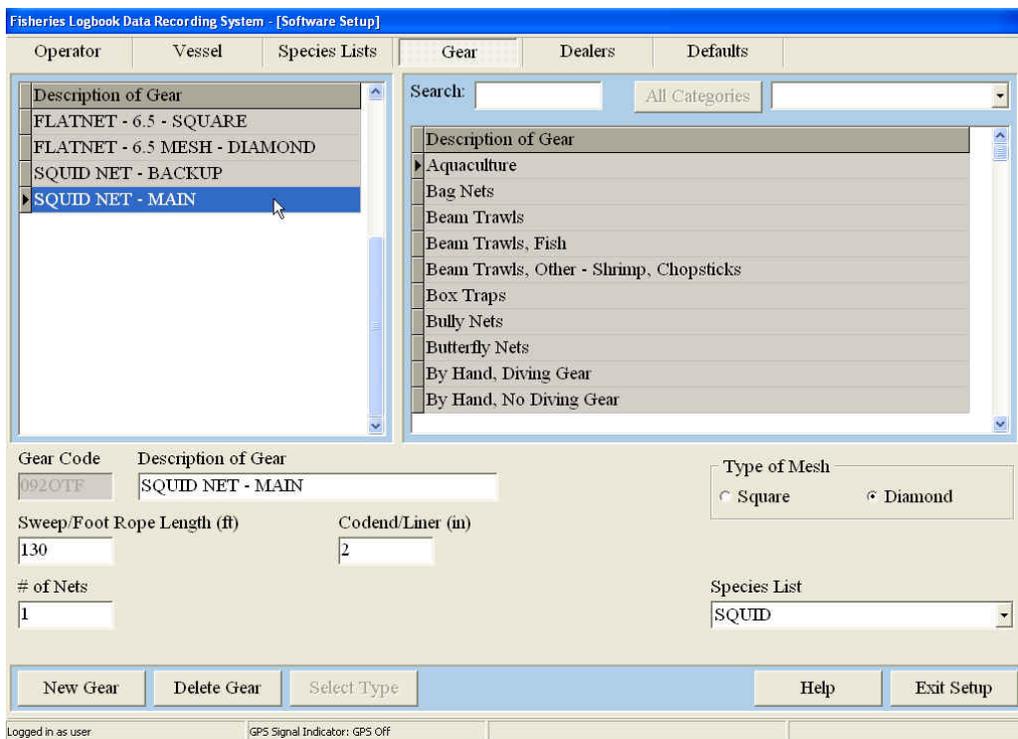
Edit gear details

If you notice that the details for an item of gear are incorrect, edit the entry immediately.

To change an item of gear:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.

2. Click on the Gear tab. The current list of gear descriptions appears.
3. In the list on the left side of the window, highlight the name of the gear.



4. At the bottom of the window, change the details.
5. FLDRS saves the details when you click on another gear item name, go to a different tab, or click the **New Gear** button.

Delete gear

To delete a piece of gear:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.

2. Click on the Gear tab. The current list of gear descriptions appears.

The screenshot shows the 'Fisheries Logbook Data Recording System - [Software Setup]' window with the 'Gear' tab active. The interface includes a menu bar with 'Operator', 'Vessel', 'Species Lists', 'Gear', 'Dealers', and 'Defaults'. Below the menu is a search bar and a list of gear descriptions. The left pane shows a list of gear types, with 'FLATNET - 6.5 - SQUARE' selected. The right pane shows a detailed list of gear types, including 'Aquaculture', 'Bag Nets', 'Beam Trawls', 'Beam Trawls, Fish', 'Beam Trawls, Other - Shrimp, Chopsticks', 'Box Traps', 'Bully Nets', 'Butterfly Nets', 'By Hand, Diving Gear', and 'By Hand, No Diving Gear'. Below the lists are input fields for 'Gear Code' (0920TF), 'Description of Gear' (FLATNET - 6.5 - SQUARE), 'Type of Mesh' (Square selected), 'Sweep/Foot Rope Length (ft)' (120), 'Codend/Liner (in)' (6.5), '# of Nets' (1), and 'Species List' (GROUND FISH). Buttons for 'New Gear', 'Delete Gear', 'Select Type', 'Help', and 'Exit Setup' are at the bottom. The status bar at the very bottom shows 'Logged in as user' and 'GPS Signal Indicator: GPS Off'.

3. In the list on the left side of the window, highlight the name of the piece of gear.
4. Click the **Delete Gear** button. In the warning message, click **Yes** to delete the gear, or click **No** to keep it.

If you have saved a trip that uses this gear configuration, you cannot delete the gear until the trip is either completed or deleted.

Use a gear configuration as the default

The particular configuration of gear that you usually fish should be set up as the default gear. That way, it appears automatically when you start entering a fishing effort. If your habits or gear change, you can change the default.

To use gear as the default for a vessel:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.

2. Click on the Defaults tab. The current list of defaults appears.

Fisheries Logbook Data Recording System - [Software Setup]

Operator | Vessel | Species Lists | Gear | Dealers | **Defaults**

Name of Vessel	Permit #
CALICO	546321
NANCY LEE	123456

Default Operator: JOHN SMITH

Default Gear Type: FLATNET - 6.5 MESH - DIAMOND

Default Dealer: Atlantic Coast Seafood Inc

Default Port of Departure (Port and State): Woods Hole MA

Default Port of Landing (Port and State): Woods Hole MA

Default Crew Count (including operator): 3

Default Trip Type: Commercial Party Charter

Help | Exit Setup

Logged in as user | GPS Signal Indicator: GPS Off

3. In the list on the left side of the window, select the vessel name.
4. In the Default Gear Type list, select the gear to use as the default.
5. FLDRS saves your choice when you click on another default, go to a different tab, or click the **Exit Setup** button.

Dealers

The term “dealer” covers any fate for the fish. It includes sale, home use, bait, etc.

Add a dealer

To add a dealer:

1. On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.

- Click on the Dealers tab. The required dealers appear in the list in the top half of the window. Dealers that you have already added appear in the list in the lower half of the window.

Fisheries Logbook Data Recording System - [Software Setup]

Operator Vessel Species Lists Gear **Dealers** Defaults

CA CN CT DE FL GA HI IL IN LA MA MD ME NB

NC NH NJ NY PA PR RI SC TX UN VA VI WA

Dealer Name	City	State	Issuing Agency	Permit #
Future Sale			NMFS-NER	4
Home Consumption			NMFS-NER	99998
IWP/JV Transfer			NMFS-NER	3
Seized For Violations			NMFS-NER	1
Sold Or Retained As Bait			NMFS-NER	2

Dealer Name	City	State	Issuing Agency	Permit #
Atlantic Coast Seafood Inc	Boston	MA	NMFS-NER	1537
Cape Cod Shellfish/Sfd Co	Boston	MA	NMFS-NER	1077
Chatham Fish & Lobster Co Inc	S Chatham	MA	NMFS-NER	749
Home Consumption			NMFS-NER	99998
Sold Or Retained As Bait			NMFS-NER	2

Select Dealer Delete Dealer Search: Help Exit Setup

Logged in as user GPS Signal Indicator: GPS Off

- Click the button for the state where the dealer is located. All the accepted dealers in that state appear in the list below the state buttons.

Fisheries Logbook Data Recording System - [Software Setup]

Operator		Species Lists				Gear				Dealers				Defaults			
CA	CN	CT	DE	FL	GA	HI	IL	IN	LA	MA	MD	ME	NB				
NC	NH	NJ	NY	PA	PR	RI	SC	TX	UN	VA	VI	WA					

Dealer Name	City	State	Issuing Agency	Permit #
A & A Seafood Inc	Fairhaven	MA	NMFS-NER	1621
A & A Seafood Inc	Fairhaven	MA	RI	DMPURP000051
A M L International	Southboro	MA	NMFS-NER	2785
Afc Trading Corp	New Bedford	MA	NMFS-NER	3346
AFC Trading Corp	Fairhaven	MA	RI	DMPURP000077
American Fish Co	Humarock	MA	NMFS-NER	3610
American Sfds Processing LLC	New Bedford	MA	NMFS-NER	3146
Ark Bait Company Inc	Swansea	MA	NMFS-NER	3559
Ark Bait Company Inc	Swansea	MA	RI	DFIN000005
Atlant Coast Seafood	Boston	MA	RI	DMPURP000082
Atlantic Choice Inc	Fairhaven	MA	NMFS-NER	2693

Dealer Name	City	State	Issuing Agency	Permit #
Atlantic Coast Seafood Inc	Boston	MA	NMFS-NER	1537
Cape Cod Shellfish/Sfd Co	Boston	MA	NMFS-NER	1077
Chatham Fish & Lobster Co Inc	S Chatham	MA	NMFS-NER	749
Home Consumption			NMFS-NER	99998
Sold Or Retained As Bait			NMFS-NER	2

Select Dealer Delete Dealer Search: Help Exit Setup

Logged in as user GPS Signal Indicator: GPS Off

- Highlight the dealer name.

- Click the **Select Dealer** button, or just double-click the dealer name. The dealer's name appears in the list at the bottom of the window.

Fisheries Logbook Data Recording System - [Software Setup]

Operator Vessel Species Lists Gear **Dealers** Defaults

CA CN CT DE FL GA HI IL IN LA MA MD ME NB

NC NH NJ NY PA PR RI SC TX UN VA VI WA

Dealer Name	City	State	Issuing Agency	Permit #
A & A Seafood Inc	Fairhaven	MA	NMFS-NER	1621
A & A Seafood Inc	Fairhaven	MA	RI	DMPURP000051
A M L International	Southboro	MA	NMFS-NER	2785
Afc Trading Corp	New Bedford	MA	NMFS-NER	3346
AFC Trading Corp	Fairhaven	MA	RI	DMPURP000077
American Fish Co	Humarock	MA	NMFS-NER	3610
American Sfds Processing LLC	New Bedford	MA	NMFS-NER	3146
Ark Bait Company Inc	Swansea	MA	NMFS-NER	3559
Ark Bait Company Inc	Swansea	MA	RI	DFIN000005
Atlant Coast Seafood	Boston	MA	RI	DMPURP000082
Atlantic Choice Inc	Fairhaven	MA	NMFS-NER	2693

Dealer Name	City	State	Issuing Agency	Permit #
Ark Bait Company Inc	Swansea	MA	RI	DFIN000005
Atlantic Coast Seafood Inc	Boston	MA	NMFS-NER	1537
Cape Cod Shellfish/Sfd Co	Boston	MA	NMFS-NER	1077
Chatham Fish & Lobster Co Inc	S Chatham	MA	NMFS-NER	749
Home Consumption			NMFS-NER	99998

Select Dealer Delete Dealer Search: Help Exit Setup

Logged in as user GPS Signal Indicator: GPS Off

FLDRS saves your selections when you go to a different tab or click the **Exit Setup** button.

Delete a dealer

To delete a dealer:

- On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
- Click on the Dealers tab.

- In the Dealer Name list at the bottom of the window, highlight the dealer name.

Fisheries Logbook Data Recording System - [Software Setup]

Operator		Vessel			Species Lists			Gear			Dealers			Defaults		
	CA	CN	CT	DE	FL	GA	HI	IL	IN	LA	MA	MD	ME	NB		
NC	NH	NJ	NY	PA	PR	RI	SC	TX	UN	VA	VI	WA				
Dealer Name	City	State	Issuing Agency	Permit #												
A & A Seafood Inc	Fairhaven	MA	NMFS-NER	1621												
A & A Seafood Inc	Fairhaven	MA	RI	DMPURP000051												
A M L International	Southboro	MA	NMFS-NER	2785												
Afc Trading Corp	New Bedford	MA	NMFS-NER	3346												
AFC Trading Corp	Fairhaven	MA	RI	DMPURP000077												
American Fish Co	Humarock	MA	NMFS-NER	3610												
American Sfds Processing LLC	New Bedford	MA	NMFS-NER	3146												
Ark Bait Company Inc	Swansea	MA	NMFS-NER	3559												
▶ Ark Bait Company Inc	Swansea	MA	RI	DFIN000005												
Atlant Coast Seafood	Boston	MA	RI	DMPURP000082												
Atlantic Choice Inc	Fairhaven	MA	NMFS-NER	2693												

Dealer Name	City	State	Issuing Agency	Permit #
▶ Ark Bait Company Inc	Swansea	MA	RI	DFIN000005
Atlantic Coast Seafood Inc	Boston	MA	NMFS-NER	1537
Cape Cod Shellfish/Sfd Co	Boston	MA	NMFS-NER	1077
Chatham Fish & Lobster Co Inc	S Chatham	MA	NMFS-NER	749
Home Consumption			NMFS-NER	99998

Select Dealer Delete Dealer Search: Help Exit Setup

Logged in as user GPS Signal Indicator: GPS Off

- Click the **Delete Dealer** button. In the warning message, click **Yes** to delete the dealer or **No** to keep it.

Use a dealer as the default

The dealer to whom you usually sell your catch should be set up as the default dealer. That way, the dealer name appears automatically when you start entering a landing. If your habits change, you can change the default.

To make a dealer appear as the default when you set up a trip:

- On the main FLDRS window, click the **Software Setup** button. The Software Setup window appears, with the Operator tab open.
- Click on the Defaults tab.

- In the list on the left, click the vessel name. The defaults for that vessel appear on the right.

The screenshot shows the 'Fisheries Logbook Data Recording System - [Software Setup]' window. The 'Defaults' tab is selected. On the left, a list of vessels is shown with columns for 'Name of Vessel' and 'Permit #'. Two vessels are listed: 'CALICO' with permit # '546321' and 'NANCY LEE' with permit # '123456'. On the right, the default settings for the selected vessel are displayed. These include: 'Default Operator' (JOHN SMITH), 'Default Gear Type' (FLATNET - 6.5 MESH - DIAMOND), 'Default Dealer' (Atlantic Coast Seafood Inc), 'Default Port of Departure (Port and State)' (Woods Hole, MA), 'Default Port of Landing (Port and State)' (Woods Hole, MA), 'Default Crew Count (including operator)' (3), and 'Default Trip Type' (Commercial). The 'Help' and 'Exit Setup' buttons are visible at the bottom right of the window.

- Click the **Default Dealer** list and select the dealer to use as the default.
- FLDRS saves your choice when you go to a different tab or click the **Exit Setup** button.

Other FLDRS Tasks

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Edit a saved trip	53
Delete a trip	53
View an old trip	54
View a catch report	54
Retransmit a trip	55
Back up a trip	57
Close down	57

Edit a saved trip

FLDRS can save a partly completed trip report so you can edit it when you are ready. FLDRS keeps only one trip available for editing at a time.

To save a trip to edit later:

1. Click the Trip tab.
2. Click on the ***Exit and Save*** button. The trip report closes, and the FLDRS window appears. The ***New Trip*** button is replaced by the ***Edit Trip*** button.

To edit a saved trip:

1. From the FLDRS window, click the ***Edit Trip*** button. The main FLDRS window appears, with the details of the saved trip.

If the button is labeled ***New Trip***, there is no saved trip to edit—you'll have to create a new one. See page 4.

Delete a trip

If you create a trip but don't want to save it:

1. Click on the Trip tab.
2. Click the ***Exit Without Saving*** button. In the warning message, click ***Yes*** to delete the trip record or ***No*** if you clicked the ***Exit Without Saving*** button by mistake.

The ***Exit Without Saving*** button always deletes the current trip report. It does not revert to the last saved version, but destroys the trip report completely.

View an old trip report

FLDRS keeps a list of old reports for viewing in an FVTR-like format. The list includes one saved trip and all recently transmitted trips. The transmitted trips can't be edited.

To view an old trip report:

1. On the main FLDRS window, click the **Trip Reports** button. A list of trips appears.

Vessel Name	Trip Identifier	Date Sailed	Time Sailed	# of Hauls	Exported?
ALBATROSS IV	12345607040419	4/4/2007	2:38:33 PM	1	Yes
ALBATROSS IV	12345607040418	4/4/2007	1:50:39 PM	1	Yes
ALBATROSS IV	12345607040417	4/4/2007	1:41:39 PM	2	Yes

2. Highlight the trip report and then click the **View Report** button. The trip appears in a Preview window; see page 22.
3. Click the **Close** button when you are done with the report.

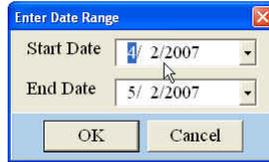
If your list of trips becomes too long, ask your NMFS technician to delete some of them.

View a catch report

FLDRS can create a report that summarizes the species caught and discarded during a particular time period. The data includes the species name and grade, the total quantity kept, and the total quantity discarded.

To view a catch report:

1. On the main FLDRS window, click the ***Trip Reports*** button. A list of trips appears.
2. Click the ***Catch Report*** button. FLDRS prompts you for a range of dates to include in the report.



The catch data appears in a Preview window; see page 22.

3. Click the ***Close*** button when you are done with the report.

Retransmit a trip

If a VMS-transmitted trip report fails to reach NMFS, you can retransmit the report.

To retransmit a report:

1. Make sure that your VMS software has been launched and is running properly.

2. On the main FLDRS window, click the ***Trip Reports*** button. A list of trips appears, along with their status.

Vessel Name	Trip Identifier	Date Sailed	Time Sailed	# of Hauls	Exported?
ALBATROSS IV	12345607040419	4/4/2007	2:38:33 PM	1	Yes
ALBATROSS IV	12345607040418	4/4/2007	1:50:39 PM	1	Yes
ALBATROSS IV	12345607040417	4/4/2007	1:41:39 PM	2	Yes

3. Highlight the trip to resend and click the ***Re-Transmit*** button.

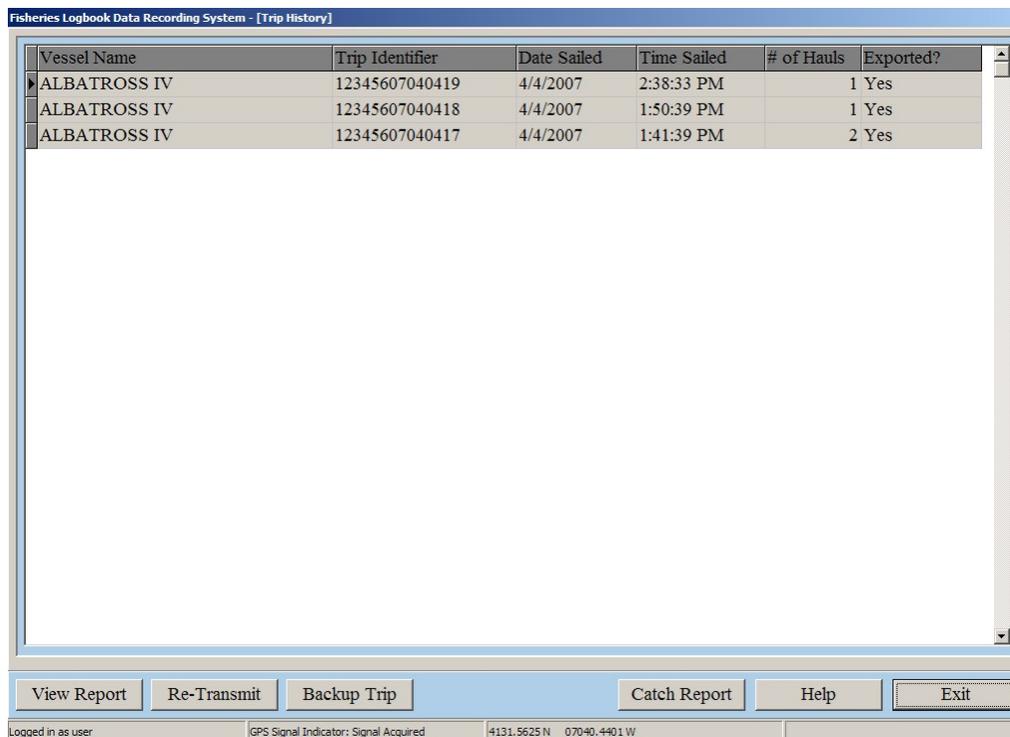
FLDRS confirms that the trip report has been resent. However, since it relies on the VMS software, the actual transmission to NMFS may not occur instantly. For more information, see page 60.

Back up a trip

You can copy a trip report to another drive, to use as a backup. It is good practice to create trip backups in case of hardware or software failure.

To make a backup:

1. On the main FLDRS window, click the **Trip Reports** button. A list of trips appears, along with their status.



2. Highlight the trip to back up and click the **Backup Trip** button.
3. FLDRS prompts you for the directory where the file should be stored.
4. When you click **OK**, FLDRS writes the backup file to the directory you selected. The file name is the trip identifier, with the extension .txt appended.

Close down FLDRS

Do not shut down FLDRS until you have successfully transmitted the trip report.

To close down the FLDRS program after you have finished entering a trip report:

1. Click the ***Exit and Save*** button.
2. Click the ***Logout*** button. The main FLDRS window appears.
3. Click the ***Exit*** button.

To shut down FLDRS from Software Setup:

1. From any tab in Software Setup, click the ***Exit Setup*** button. The main FLDRS window appears.
2. Click the ***Logout*** button. The main FLDRS window appears.
3. Click the ***Exit*** button.

Troubleshooting

Logging In

I tried to log in three times, and then FLDRS shut down.

You have three chances to log in. If your user name and/or password are wrong, FLDRS automatically shuts down after the third failure. Check that you have the correct user name and password, and that Caps Lock is turned off. Restart FLDRS. If you still cannot log in, contact your NMFS technician.

Fishing effort

I accidentally clicked the Water Haul check box.

Unclick the Water Haul check box. Your list of favorite species reappears.

I had to change the gear configuration while fishing, and the new gear configuration does not appear in my list.

Click on the Trip tab, and then click the ***Exit and Save*** button. Start Software Setup and create a new gear configuration; see page 42. Close Software Setup, click ***Edit Trip***, and continue with data entry.

The statistical area returned by the software appears incorrect.

What should I do?

If you are fishing on the edges of some statistical areas (e.g. Northeast Region 537, 538, 561, or 562), the software may return

an incorrect statistical area. Select the statistical area where you believe the fishing occurred.

I forgot to click the Set—End and Haul—Start buttons.

In this situation, please make a best estimate and manually enter the positions and times by clicking the buttons. Please make a comment in the Trip Notes section; see page 20.

I forgot to record an entire haul. What should I do?

Do your best to enter the information in the logbook using manual entry for the haul timing and position. Please make a note of what happened in the Trip Notes section; see page 20.

I did some high-grading and need to record it. I threw back some legal fish when I caught some better ones.

To record this, edit the haul where you took in the smaller but legal fish. If you reported this species dressed, then increase the discard quantity by the amount you threw overboard, and decrease the kept quantity. Otherwise, add an item to the list of species kept/discarded, to describe what you threw over. Record the quantity you threw over. Then go ahead and enter the fish you replaced them with. If you can't remember all the details, do your best to estimate accurately and then describe what happened in the Trip Notes section; see page 20.

I started a trip, but was unable to finish it correctly. How do I get rid of it so that I can do a new trip?

Go to the Trip tab and click the *Exit Without Saving* button. That erases the trip so that you can start a new one.

GPS

The GPS status at the bottom of the window says “GPS Signal: GPS Off”

First, log out of FLDRS, but don't click the *Exit* button. Logging back in should reinitiate the GPS connection if the software dropped the connection.

If that doesn't work, check the 4-port serial hub that is receiving the GPS feed. If the green light corresponding to the GPS COM port is flashing, the GPS unit is on and communicating with the computer running FLDRS. If the light is off, make sure the GPS unit is turned on and then check cables and connections.

Finally, try restarting the computer that is running FLDRS. If you have to do this, please make a comment in the Trip Notes section; see page 20.

In the meantime, if you need location data for a fishing effort, use the globe icons on the Effort tab to enter the locations manually.

Allocating to dealers

I am selling fish at one dealer but saving some fish to sell at another later. I will be doing some hauls in between the sells. How do I allocate the fish that will be sold later?

For FLDRS, a trip doesn't end until all fish from the trip have been offloaded from the vessel. In this situation, all the hauls are included as one trip until the fish you have been saving are offloaded.

I don't have the dealer that I need to allocate some of my landings.

To add the dealer, exit and save the trip and then see page 47. If the dealer is not in the master list, please notify a NMFS technician and make a comment in the Trip Notes section; see page 20.

The amounts on my dealer slip do not match my estimates made during the trip. Should I go back and change my weight estimates to match the dealer's weights?

No, please do not change your estimates. Your independent haul weights for hauls and landings are very valuable and one should not influence the other. If necessary, an analyst can apply a correction factor to the catch estimates of the individual haul hauls later.

At the end of a trip I realized that I landed a species which did not get recorded in the individual hauls. What should I do?

If the species only came from a single haul and you are certain which haul the fish came from, please add it to that haul. If the species was caught on multiple hauls and you are relatively sure of the proportions, please do your best to estimate the proportions. If you are uncertain, add it to a single haul that occurred in the statistical area the species was most likely caught. For all of these cases, please make a note of what happened in the Trip Notes section; see page 20.

Transmitting data

I did a few hauls but did not catch anything. Do I still transmit the trip?

Yes, you should still save and transmit the trip. A trip is considered to have taken place as soon as an attempt is made to catch fish (an effort). Even efforts with no catch (i.e. water haul) provide useful information. Although there is no catch to allocate,

there is still valuable data associated with the trip such as effort locations, GPS position, temperature, and depth. If there are mechanical problems that occur as the net is being set, but the net has hit the water, it is still considered an effort. Any relevant comments can be added in the Trip Notes section; see page 20.

I started a trip but had to come back to port before doing any hauls. Do I still transmit the trip?

No, please do not save or transmit a trip that had no haul associated with it. If a vessel returns to port prior to an attempt being made to harvest fish, it is not considered a trip and should not be transmitted.

I exported a trip that contains some mistakes. How do I fix it?

Contact your NMFS field technician.

My VMS indicates that transmission of my trip failed. What should I do?

The VMS indication may not be accurate. Please check with a NMFS technician to verify that the trip was received. If you are in doubt, you can always retransmit the trip.

I attempted to transmit a trip, but am not sure if it was successful.

Please contact an NMFS technician. The technician can tell you if the trip has been received at its destination.

I exported a trip, but it was never received. What happened?

Make sure that you remembered to launch your VMS software. The FLDRS software only exports the trip file to your VMS software—it does not transmit it. For the trip to be transmitted from your vessel, you must launch the VMS software on your computer, and your VMS unit must be functioning correctly.

Hardware

My keyboard is not working properly so I cannot enter data to finish a trip.

For an external keyboard, check all the associated connections. Then enter the data using your touchpad or mouse by clicking the **View Number Pad** button; see page 12. Notify a NMFS technician, and be sure to make comments in the Trip Notes section; see page 20.

My computer is running very slowly.

Contact a NMFS technician and make comments in the Trip Notes section; see page 20.

Appendix: When to click the Set—Start, Set—End, Haul—Start, and Haul—End buttons

FLDRS supports a variety of different fisheries, and each fishery interprets the beginning and end of a fishing effort differently.

The Set and Haul buttons must be clicked at specific points during the fishing effort, but the exact meaning and timing depends on the fishery.

For mobile gear, the **Set—Start** and **Haul—End** buttons are optional, but **Set—End** and **Haul—Start** are not. For fixed gear and all other gear types, all four buttons are required.

Set Start and End

These examples show how gear types and the Set buttons go together.

<i>For...</i>	<i>Click Set—Start when...</i>	<i>Click Set—End when...</i>
Dredge	Dredge hits the water	Brake applied to wire drums
Gillnet	First part of gillnet deployed	Anchored/completely deployed
Longline	First part of longline deployed	Anchored/completely deployed
Otter trawl	Cable wire is let out, trawl doors hit the water	Brake applied to wire drums
Pot	First part of potgear deployed—high flyer and/or anchor hits the water	String anchored/completely deployed
Seine	The skiff hits the water	Towline brought aboard

Haul Start and End

These examples show how gear types and the Haul buttons go together.

<i>For...</i>	<i>Click Haul—Start when...</i>	<i>Click Haul—End when...</i>
Dredge	Brake disengaged and retrieval of gear begins	Dredge is retrieved, i.e. dredge is out of the water
Gillnet	Hauling equipment put into gear or retrieval of gear commences	Gillnet completely retrieved and aboard vessel

<i>For...</i>	<i>Click Haul—Start when...</i>	<i>Click Haul—End when...</i>
Longline	Hauling equipment put into gear or retrieval of gear commences	Longline completely retrieved and aboard vessel
Otter trawl	Brake disengaged and retrieval of gear begins	Doors back on board vessel; all wire retrieved
Pot	Hauling equipment put into gear	Pot gear completely retrieved and aboard vessel
Seine	Begin closing the purseline	Purseline closed off and all rings are brought up alongside the seiner vessel

Appendix: Gear Definitions

These tables show a variety of gear type definitions, sorted by ACCSP code.

Fixed gear

Gear	VTR gear code	ACCSP gear code	Gear size	Gear quantity	Mesh/ring size	Soak time
Pots and Traps			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Conch	PTW		Total # of+ Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Blue Crab			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Crab, Peeler			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Crayfish			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Eel			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Fish	PTF		Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Spiny Lobster			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Octopus			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Periwinkle or conkle			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Shrimp	PTS		Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Turtle			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Stone Crab	PTC		Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Scup			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Black Sea Bass			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Reef Fish			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Hagfish	PTH		Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Golden Crab			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Puffer			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Lobster			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Lobster Inshore	PTL		Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Lobster Offshore			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Lobster Double Parlor			Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Pots and Traps, Other	PTO		Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled

Gear	VTR gear code	ACCSP gear code	Gear size	Gear quantity	Mesh/ring size	Soak time
Pots, Unclassified	PTX		Total # of Pots in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Box Traps			Total # of Traps in Water	# of Pots/Traps per String	Entrance Size (in)	Soak Time per String Hauled
Gill Nets			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Floating Drift, Large	GND		Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Floating Drift, Small	GNT		Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Sink Drift			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Floating Anchor			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Sink Anchor	GNS		Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Runaround	GNR		Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Stake			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Gill Nets, Other			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Trammel Nets			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Trammel Nets, Floating Drift			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Trammel Nets, Sink Drift			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Trammel Nets, Floating Anchor			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Trammel Nets, Sink Anchor			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Trammel Nets, Runaround			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Trammel Nets, Other			Length of Net (ft)	# of Nets per String	Mesh Size (in)	Soak Time per String
Long Lines			Mainline Length (nm)	# of Hooks per Line	N/A	Soak Time per Line Hauled
Long Lines, Vertical			Mainline Length (nm)	# of Hooks per Line	N/A	Soak Time per Line Hauled
Long Lines, Surface	LLP		Mainline Length (nm)	# of Hooks per Line	N/A	Soak Time per Line Hauled
Long Lines, Bottom	LLB		Mainline Length (nm)	# of Hooks per Line	N/A	Soak Time per Line Hauled
Long Lines, Surface, Midwater			Mainline Length (nm)	# of Hooks per Line	N/A	Soak Time per Line Hauled
Lines, Trot			Mainline Length (nm)	# of Hooks per Line	N/A	Soak Time per Line Hauled
Haul Seines	SEH	010	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Pound Nets		050	Length of Leader (ft)	# of Nets	Crib Mesh Size (in)	Soak Time per Net Hauled
Fyke Nets	FYK	060	Length of Net (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Other Fixed Nets		070	Length of Leader (ft)	# of Nets	Crib Mesh Size (in)	Soak Time per Net Hauled
Weirs	WEI	071	Length of Leader (ft)	# of Nets	Crib Mesh Size (in)	Soak Time per Net Hauled
Trap Nets		072	Length of Leader (ft)	# of Nets	Crib Mesh Size (in)	Soak Time per Net Hauled
Floating Traps (Shallow)	TRP	073	Length of Leader (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled

Mobile gear

Gear	VTR gear code	ACCSP gear code	Gear size	Gear quantity	Mesh/ring size	Soak time
Other Trawls			Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Trawl, Clam Kicking			Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Midwater, Paired	PTM		Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Bottom, Paired	PTB		Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Trawl, Roller			Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Trawl, Roller Frame			Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Trawl, Skimmer			Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Troll Lines			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Troll Line, Manual			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Troll Line, Electric			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Troll Line, Hydraulic			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Dredge	DRO		Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Ocean Quahog/Surf Clam	DRC		Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Urchin	DRU		Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Mussel	DRM		Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Hydraulic, Clam			Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Hydraulic Escalator, Clam			Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Clam			Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, New Bedford	DRS		Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Scallop-Chain Mat	DSC		Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Dredge, Digby			Dredge Width (in)	# of Dredges	Ring Size (in)	Tow Time per Haul
Beam Trawls	OTB	080	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Beam Trawls, Fish		081	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Beam Trawls, Other - Shrimp, Chopsticks		082	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawls		090	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Bottom, Crab		091	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Bottom, Fish	OTF	092	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Bottom, Lobster		093	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Bottom, Scallop	OTC	094	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Bottom, Shrimp	OTS	095	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul

Gear	VTR gear code	ACCSP gear code	Gear size	Gear quantity	Mesh/ring size	Soak time
Otter Trawl Bottom, Other	OTO	096	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Otter Trawl Midwater	OTM	097	Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul

Other types of gear

Gear	VTR gear code	ACCSP gear code	Gear size	Gear quantity	Mesh/ring size	Soak time
Scottish Seine	SES		Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Butterfly Nets			Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Danish Seine	SED		Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Fly Net			Sweep/Foot Rope Length (ft)	# of Nets	Codend/Liner (in)	Tow Time per Haul
Hook and Line	HND		N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Hook and Line, Manual			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Hook and Line, Electric			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Electric/Hydraulic, Bandit Reels			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
Turtle Hooks			Mainline Length (nm)	# of Hooks per Line	N/A	Soak Time per Line Hauled
Dip Nets			Length of Net (ft)	# of Nets	Mesh Size (in)	Soak Time
Cast Nets	CST		Length of Net (ft)	# of Nets	Mesh Size (in)	Soak Time
Bully Nets			Length of Net (ft)	# of Nets	Mesh Size (in)	Soak Time
Rakes			N/A	# of Rakes	N/A	Time Fished
Rakes, Bull			N/A	# of Rakes	N/A	Time Fished
Rakes, Oyster			N/A	# of Rakes	N/A	Time Fished
Rakes, Hand	RAK		N/A	# of Rakes	N/A	Total Time Fished
Harpoons	HRP		N/A	# of Harpoons	N/A	Search Time
Troll and Hand Lines CMB			N/A	# of Hooks per Line	N/A	Time Fished Minus Transit Time
By Hand, Diving Gear	DIV		N/A	N/A	N/A	Dive Time
By Hand, No Diving Gear			N/A	N/A	N/A	Dive Time
Other Gears	OTH		N/A	N/A	N/A	N/A
Unspecified Gear			N/A	N/A	N/A	N/A
Combined Gears	MIX		N/A	N/A	N/A	N/A
Other Seines		020	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled

Gear	VTR gear code	ACCSP gear code	Gear size	Gear quantity	Mesh/ring size	Soak time
Stop Seine	STS	021	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Common Seine		022	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Swipe Net		023	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Purse Seine	PUR	030	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Purse Seine, Tarp		031	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Lampara/Ring Nets		040	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Bag Nets		074	Length of Head Rope (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Lifted
Channel Nets		075	Length of Net (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled
Stop Net		076	Length of Net (ft)	# of Nets	Mesh Size (in)	Soak Time per Net Hauled

Appendix: FLDRS Error Messages

Message	Solution
# of Hauls Not Within Accepted Limits Accepted Minimum Haul Count: Maximum Haul Count:	The values you entered are outside the range that FLDRS can record. Check the values that you entered.
Amount allocated exceeds catch Amount Caught: Amount Allocated: Adjusting Quantity	You have tried to allocate more fish than you caught. In the Landings tab, check that you are using the correct grade code for the species. Then check the quantities you allocated. If the grade and quantity are correct, you can go to the Kept/Discarded tab and adjust the amount recorded in the Kept column for the species and grade code.
Average depth must be entered.	You have not entered a value in the Avg Depth field on the Effort tab. You may not enter catch details without providing the average depth fished.
Can not delete last instance of species in landing.	Check the allocation of a species. If you kept a particular species, you must allocate it to a landing and a dealer code. If you want to get rid of this species from the particular landing, set the allocated quantity to zero, add it to the desired landing/dealer, add the allocated quantity, and then you can delete the undesired record.
Date and time sailed must be entered	In the Trip tab, select the date and time of departure.
End port for this trip has already been chosen	You have already set the end port. If you changed your plans and landed in another port, follow these steps. Go to the Landings tab and highlight the port that's currently the end port. Click its End of Trip? field to change the value from Yes to No. Now you can add another landing by clicking the New Landing button.
Error – Effort # <i>n</i> contains no catch or discard entries	You must enter catch data for the effort. Note the effort number. If no species were caught, go to the Kept/Discarded tab, select the effort, and then select the Water Haul checkbox. If you caught something in this effort, go to the Kept/Discarded tab, select the effort, and enter the catch data.
Error – Effort # <i>n</i> end time	There is a conflict in dates and/or times between the end of the trip and the effort. Note the effort

Message	Solution
occurs after end of trip	number, then go the Effort tab and make sure that the Haul —End time and date are correct. If they are, then go to the Landings tab and check the date and time of landing at the last port.
Error – Effort # <i>n</i> end time occurs before start of trip	There is a conflict in dates and/or times between the trip departure and the end of the haul. Note the effort number, then go the Effort tab and make sure that the Haul—End time and date are correct. If they are, then go to the Trip tab and check the departure date and time.
Error – Effort # <i>n</i> end time occurs prior to start time	There is a conflict in dates and/or times between the start and the end of the haul. Note the effort number. Then go the Effort tab and make sure that the Set—Start and Haul—End dates/times are correct.
Error – Effort # <i>n</i> is missing average depth value	You must enter the average depth for each fishing effort. Note the effort number. Go to the Effort tab, select the effort, and enter the average depth fished.
Error – Effort # <i>n</i> is missing date/time value	You must enter date/time information for the effort. Note the effort number, then go to the Effort tab. Select the effort and enter the missing date and time.
Error – Effort # <i>n</i> is missing gear quantity value	You must enter the gear quantity used for this effort. Note the effort number, then go to the Effort tab, select the effort, and enter the gear quantity.
Error – Effort # <i>n</i> is missing location value	You must enter an effort location for this effort. Note the effort number, then go to the Effort tab, select the effort, and enter the location information.
Error – Effort # <i>n</i> is missing soak time value	You must enter a soak time for each fishing effort. Note the effort number, go to the Effort tab, select the effort, and enter the soak time.
Error – Effort # <i>n</i> start time occurs after end of trip	There is a conflict in dates and/or times between the end of the trip and the start of the effort. Note the effort number, then go to the Effort tab and check the Set—Start time and date. If they are correct, go to the Landings tab and check the date and time of landing at the end port.
Error – Effort # <i>n</i> start time	There is a conflict in dates and/or times between

Message	Solution
occurs before start of trip	the start of the trip and the start of the effort. Note the effort number, then go to the Effort tab and check the Set—Start time and date. If they are correct, go to the Trip tab and check the departure date and time.
Error creating compressed file	FLDRS could not create the export file to transmit. Contact the field technician immediately.
First and last name must be entered	You must provide both the first and last name of the operator.
Gear configuration is utilized as a default. If this gear configuration is deleted, a new default gear configuration must be selected before trips can be entered.	You are trying to delete the gear type that you set as the default. Although you can go ahead and delete this gear type, you have to select another gear type to use as a default before you can enter any trip data.
Gear Quantity Not Within Accepted Limits Accepted Minimum Gear Quantity: Accepted Maximum Gear Quantity:	The values you entered are outside the range of sizes that FLDRS considers typical. Check the values that you entered and make sure you are reporting the information correctly for that field. If you are still certain it is correct, click Ignore.
Gear Size Not Within Accepted Limits Accepted Minimum Size: Accepted Maximum Size:	The values you entered are outside the range of sizes that FLDRS considers typical. Check the values that you entered and make sure you are reporting the information correctly for that field. If you are still certain it is correct, click Ignore.
Gear type must be selected	Select a gear type for the new gear.
Kept/Discarded entry disabled—Effort entry is not complete.	You have tried to enter catch data for an effort that is in progress. Go to the Effort tab and make sure that the Effort Duration fields contain data.
Landing can not be chosen as end port for trip. Existing landing occurs after this landing. Make sure end of trip is last landing	You have indicated that fish were landed after this port of landing; a port cannot be selected as an 'End Port' if fish were landed after the landing. Check the landing dates and allocation dates or choose another End Port.
Mesh size must be entered	To add a new gear type, you must enter the mesh size for the gear.
Mesh/Ring Size Not Within	The values you entered are outside the range of

Message	Solution
Accepted Limits Accepted Minimum Size: Maximum Size:	sizes that FLDRS considers typical. Check the values that you entered and make sure you are reporting the information correctly for that field. If you are still certain it is correct, click Ignore.
No end of trip landing record found	You must select the port where the trip ended. Go to the Landings tab, locate the end port name, and click the End of Trip? field to change the value to Yes.
No landing record found	You must enter landing information. Go to the Landings tab and enter details for the landing and sale of the catch.
Operator is utilized as a default. If this operator is deleted, a new default operator must be selected before trips can be entered.	You are trying to delete the operator that you set as the default. Although you can go ahead and delete this operator, you must select a default operator.
Operator must be selected	You must choose an operator for the vessel.
Operator permit # already assigned	Make sure that you have entered the correct operator permit number. The permit number must be unique.
Operator permit entry must conform to the following rules: Entry must be exactly 8 characters in length; Entry must be entirely numeric; Entry must start with 100;"	Make sure that you entered the permit number correctly. It must contain 8 digits, starting with 100.
Operator permit id must be entered	Make sure that you have entered a valid operator permit number.
Prior to starting a trip, please enter <Software Setup> and carry out the following operations: <i>list of specific operations not completed</i> Assign the following defaults: <i>list of specific defaults not complete</i>	You need to set up the software before you can enter a trip. Click on the Software Setup button and provide values for the fields that were listed in the message.
Size of gear must be entered	To add a new gear type, you must enter the

Message	Solution
	dimensions of the gear.
Species kept quantity entry exceeds limit Entry Limit:	The values you entered are outside the range of sizes that FLDRS can record. Check the values that you entered.
This dealer is utilized as a default. If this dealer is deleted, a new default dealer must be selected before trips can be entered.	You are trying to delete the dealer that you set as the default. Although you can go ahead and delete this dealer, you must select a default dealer.
This landing can not be chosen as an end port. Existing landing has already been chosen as an end port for this trip.	You have already set the end port. If you changed your plans and landed in another port, follow these steps. Go to the Landings tab, locate the end port name, and click the End of Trip? field to change the value to No. Now you can add another landing. When you reach the end of the trip, don't forget to choose an end port.
Tow/Soak Time Not Within Accepted Limits, Accepted Minimum Tow/Soak Time: Hours Accepted Maximum Tow/Soak Time:	The values you entered are outside the range of sizes that FLDRS considers typical. Check the values that you entered and make sure you are reporting the information correctly for that field. If you are still certain it is correct, select 'Ignore'.
Trip identifier must be set prior to landing!	You haven't set the Trip Identifier. Go to the Kept/Discarded tab and click the Trip Identifier button in the top right corner.
USCG Doc # or State ID must be entered	Make sure that you have entered a valid USCG # or State Registration ID.
Vessel name must be entered	You must enter a name for the new vessel.
Vessel permit number is already assigned	Make sure that you have entered the correct vessel permit number. The permit number must be unique.
Vessel permit number must be entered	Check that you entered a permit number for the vessel. You cannot add a vessel without a permit number.
Warning – Entire trip will be deleted? Are you sure?	The Exit Without Saving button destroys the entire trip record. To save recent changes to the trip, click the Exit and Save button at the bottom of the Trip menu. FLDRS can save only one trip.

Message	Solution
Warning – port landed on this date already. Continue?	You have already entered a landing for this date. Check that the date is correct. If it is not, change the incorrect date to the proper date. If you clicked New Landing by mistake, click the Cancel button on this message.

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