



NOAA
FISHERIES
SEFSC

SEFSC Commercial Electronic Logbook Project

Fishery Monitoring Branch
Southeast Fisheries Science Center

October 2022

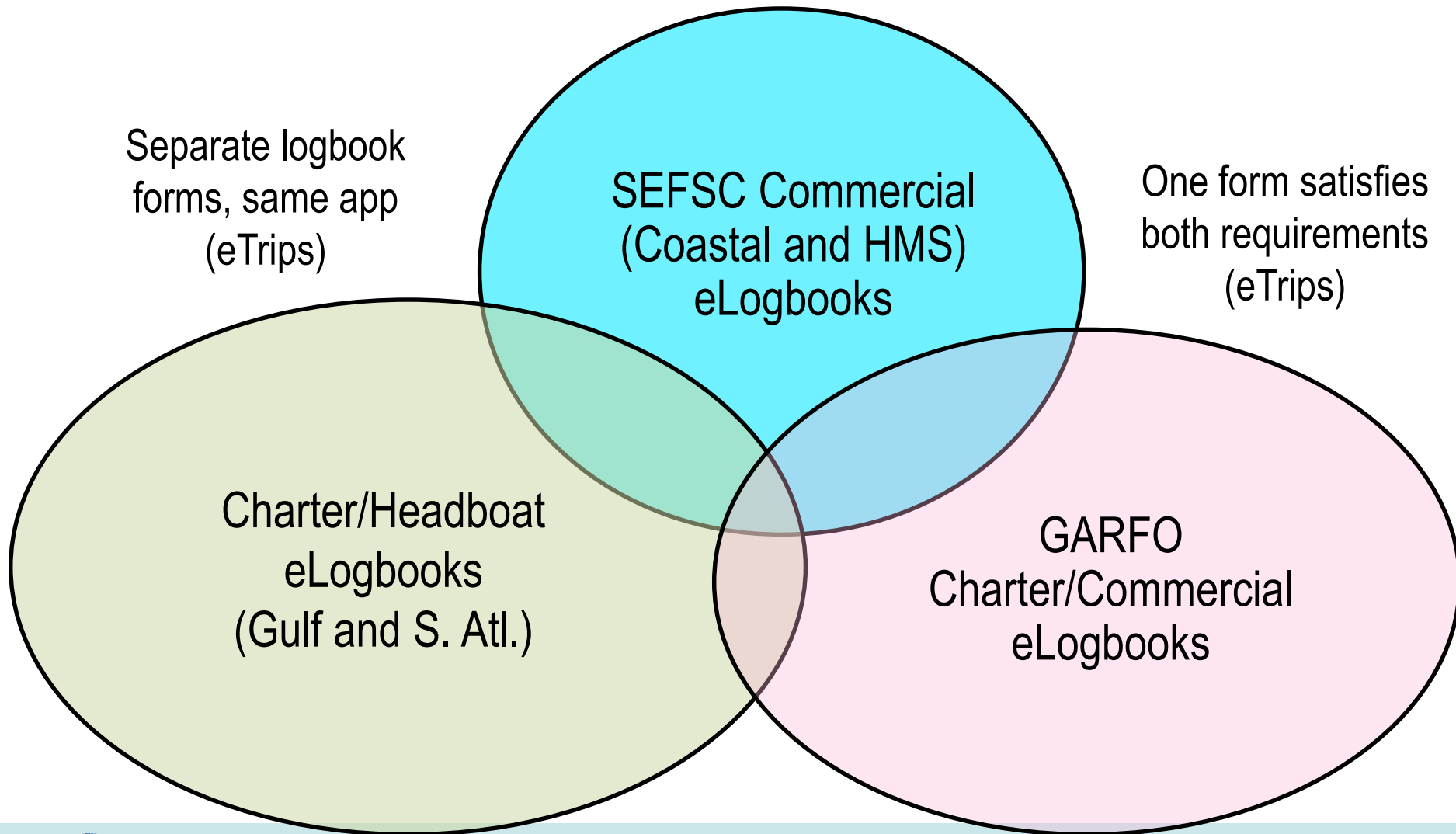
Purpose

Provide practical, real-time demonstration of eTrips app

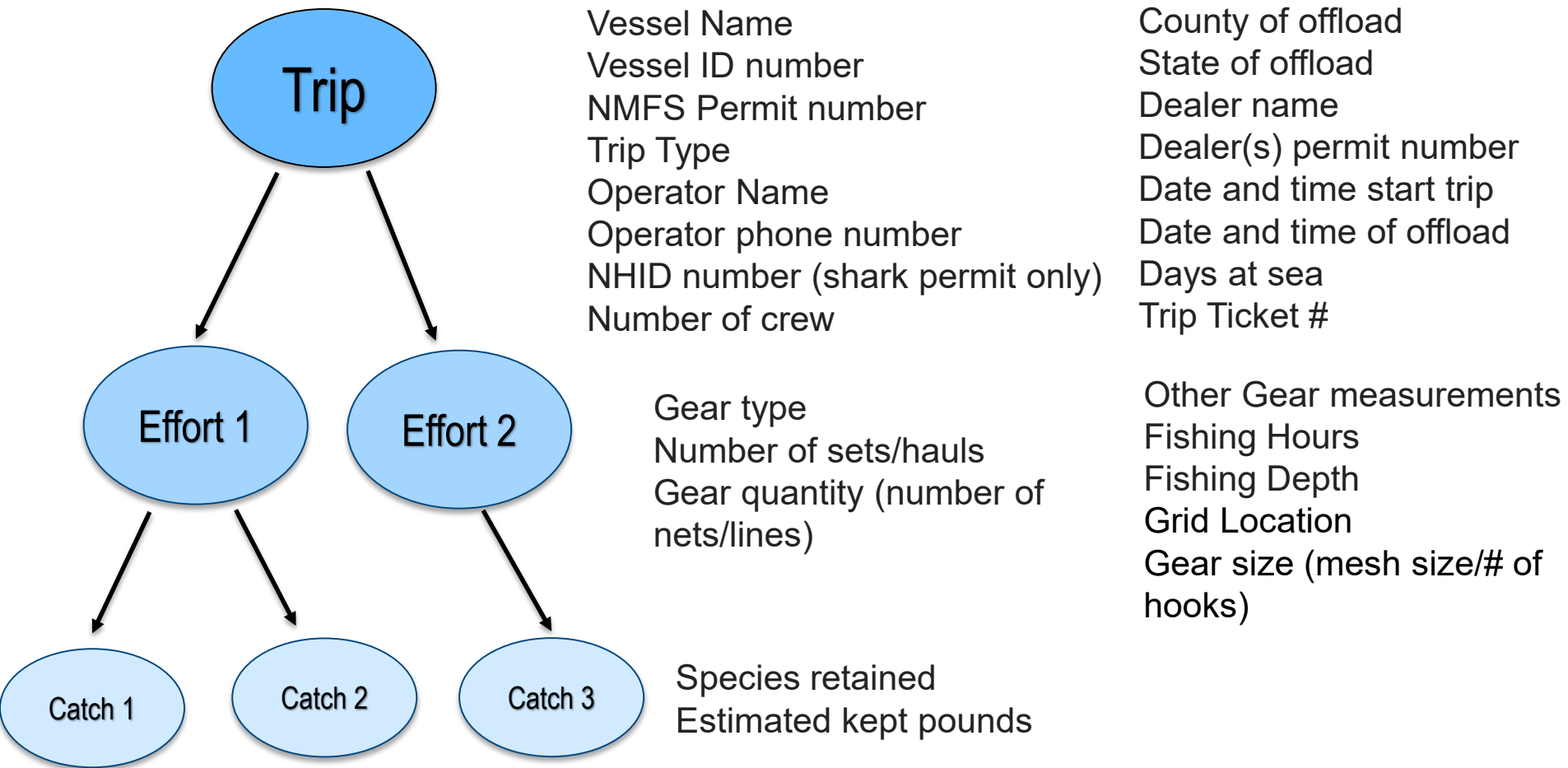
Detail changes involved in transition to eLogbook

Discuss improvements to reporting through switch from paper logbooks

Must consider the need to accommodate/streamline users participating in multiple Regions



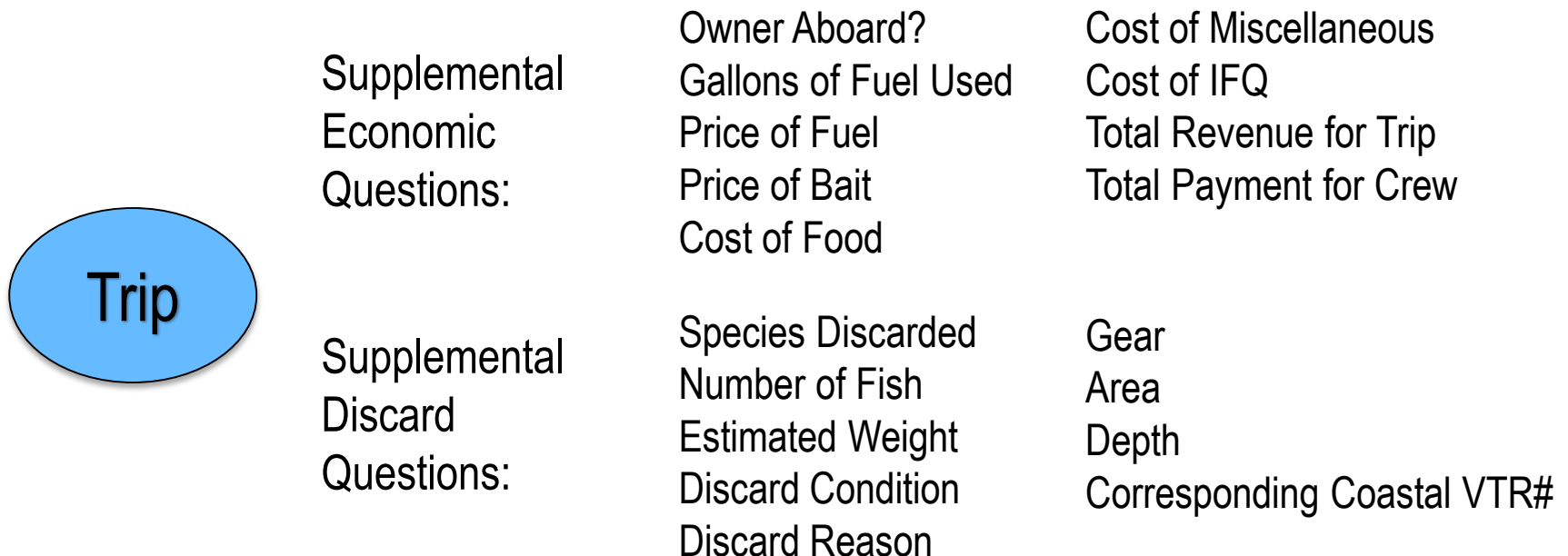
Paper SEFSC Logbook Trip Reports for all species caught on federally permitted vessels



Effort information required is highly variable depending on the gear and permit. HMS permits must report Lats and Longs for every set, but SE permits report total time fished for the trip.

Electronic Logbook users will have the ability to log multiple fishing events and offload/sale events. *It does not passively collect location information.

Portion (20%) of fleet asked to report discards and economic survey questions for each trip:



SEFSC Commercial Logbooks

- Coastal (South Atl. and Gulf)

SEFSC Commercial Surveys

- Discards
- Economic

No Fishing Reports

SEFSC eLogbook



Comparison of eTrips to paper logbook fields

neu = A field was removed		
Paper coastal logbook data fields	Database field name	Notes
Vessel No.	COAST_GUARD_NBR	
Trip Start Date	TRIP_START_DATE	
	TRIP_START_TIME	Necessary to prevent overlapping trip submissions
County of Landing	END_PORT	
	TRIP_END_DATE	Necessary to prevent overlapping trip submissions
	TRIP_END_TIME	Necessary to prevent overlapping trip submissions
	TRIP_TYPE	Necessary to trigger correct questions
No. of Crew	NBR_OF_CREW	
Days at Sea	DAYS_AT_SEA	
Operator Name	LAST_NAME	
Operator Name	FIRST_NAME	
Signature		
Operator Number		
Phone No.		
	ACTIVITY_TYPE	Defaults to "Trip with fishing effort"; Necessary to trigger correct questions
	TRIP_NOTES	Optional, Not transmitted to NMFS



Comparison of eTrips to paper logbook fields, cont.

22	Area	Waters Fished	
23	Gear	GEAR_CODE	
24	Mesh	MESH_SIZE	
25	# Hooks / # Divers / # Traps / Net Length	GEAR_QUANTITY	
26	# Hauls / Line Length / # Pots	GEAR_SIZE	
27	# Lines / # Hauls	GEAR_SETS	
28	Depth	MAX_BOTTOM_DEPTH	
29	Net Depth	HEIGHT_OF_NET	
31	Total Hrs Fished	FISHING_HOURS	
32		HOURS_DAYS	Defaults to "hours"; Added data field to be compatible with ACCSP database
33	Species Name	COMMON_NAME	
34	Gutted-lbs / Whole-lbs	REPORTED_QUANTITY	
35		UNIT_MEASURE	Defaults to "pounds"; Added data field to be compatible with ACCSP database
36		DISPOSITION_CAT_DESC	Defaults to "Food"; Replaces the need for separate Discard Logbook
37		SALE_DISPOSITION_DESC	Defaults to "Sold to Dealer"; Added data field to be compatible with ACCSP database
38	County or Parish, State	OFFLOAD_PORT	
39	Trip Unload Date	OFFLOAD_DATE	
40	SE Federal Dealer Number	DEALER_PERMIT_ID	
42	State Trip Ticket No.		

43	Economic survey data fields (mandatory if selected Database field name (note: cells highlighted in red))		
44	Owner Operated?	OWNER_ABOARD	
45	Gallons of Fuel	FUEL_GALLONS	
46	Price per Gallon	FUEL_GALLONS_PRICE	
47	Bait Expense	COST_BAIT	
48	Ice Expense	COST_ICE	
49	Grocery Expense	COST_FOOD	
50	Misc. Trip Expenses	COST_MISC	
51	IFQ Allocation Purchased	COST_IFQ	
52	Has payment for your catch been determined?		
53	Trip Sales (Revenue)	REVENUE_TOTAL	
54	Expense for hired crew & hired captain	PAY_TO_CAPT_CREW	



Comp

Catch Disposition

DISCARD



Discard due to Market :
Reason not specified

Discard due to Market : Too
small

Discard due to Market : Too
large

Discarded Dead : Under size
limit

Discarded Dead : Over size
limit

Discarded Dead : Legal size
and exceeded bag limit

CANCEL

paper logbook fields, cont.

Aligning Coastal requirement with HMS and other logbook programs

Defaults to "hours"; Added data field to be compatible with ACCSP database

Defaults to "pounds"; Added data field to be compatible with ACCSP database

Defaults to "Food"; Replaces the need for separate Discard Logbook

Defaults to "Sold to Dealer"; Added data field to be compatible with ACCSP database

Aligning Coastal requirement with HMS and other logbook programs

andatory if sele Database field name (note: cells high f

OWNER_ABOARD
FUEL_GALLONS
FUEL_GALLONS_PRICE
COST_BAIT
COST_ICE
COST_FOOD
COST_MISC
COST_IFQ

determined?

REVENUE_TOTAL
PAY_TO_CAPT_CREW



NOAA FISHERIES

eTrips Favorites Feature

Most information in eTrips will be entered or selected from a drop down list. Favorites can be set up for most drop down lists

Select Category

Species

Areas Fished

Ports

Gears

Dispositions

Vessels

Dealers

Licenses

CANCEL

Select Favorites

Category

Species

Permit

(NMFS-SER)

DUMMY_SEFSC_OPR

(Operator)

GROUPER

Q

↺

GROUPER, NASSAU

★ GROUPER, RED

★ GROUPER, SCAMP

GROUPER, SNOWY

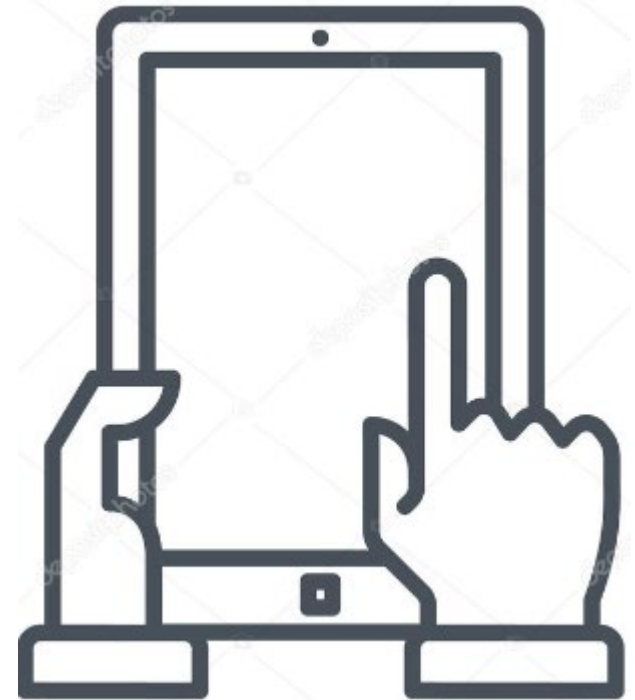
GROUPER, TIGER

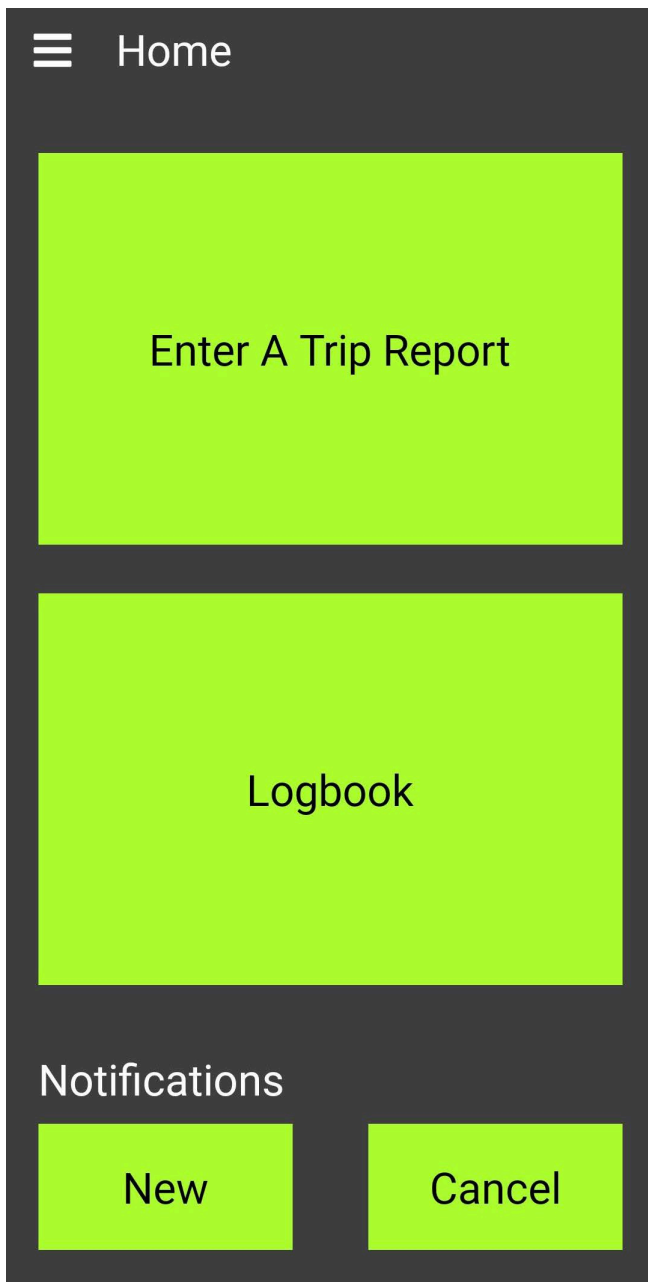


eTrips runs on:

- Cellphone – wifi or cell service
- Tablet – wifi or cell service
- Laptop computer – wifi or internet
- Desktop computer – wifi or internet

* Reporters may choose whichever option best suits their needs





eTrips App demonstration: Real-time data entry of a trip report



Signature: _____

Vessel Name: _____

Vessel No.:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Operator Name: _____
please print

Operator Number:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(if known)

Trip Type

Commercial

Charter

Headboat

Recreational

Trip Details

Trip Type Commercial

Vessel NMFSS TEST BOAT

Trip Name

VTR # 99999922092314

Trip Activity

Fishing Trip With Efforts

Captain's Last Name

Last name of the captain on this trip.

DOE

Captain's First Name

First name of the captain on this trip.

JANE

Vessel



Many vessels have similar names. NOAA requests you search by the vessel's Coast Guard or State registration number to ensure you select your vessel.

NMFSS TEST BOAT

State Reg

Coast Guard 999999

Fed Permit NMFS-SER 999999

DUAL-PERMIT FED TEST VESSEL

State Reg

Coast Guard 8877991

Fed Permit NMFS-NER 555555,
NMFS-SER 555555

CANCEL



only!

9

OMB Control No. 0848-0018
Expiration Date: 12/31/2020

Schedule No. *NMFS Use Only*

County or
Parish: _____ State:

End Port

Search...



FL > MIAMI-DADE > DADE
(COUNTY)

FL > MIAMI-DADE > MIAMI

FL > MONROE > KEY WEST

FL > MONROE >
MONROE(COUNTY)

FL > PINELLAS > PINELLAS
(COUNTY)

CANCEL

Days at
Sea:

No. of
Crew:

Create New Trip

Trip Details

Days at Sea

Number of whole days that have passed from the start of the trip to the return to the dock

3



of Crew

Number of crew (including the captain) on each trip

2



Trip Expense Section

NOTE: This section is only mandatory if you received separate notification that your vessel was selected to report economic data this calendar year.

NO. YOU CAN LEAVE THE
QUESTIONS BELOW BLANK.



←

Create New Trip

Effort Details

Location

28° 31', -85° 13'

Primary Area Fished

Federal Waters

Waters Fished

FL 008 - 0000

Effort Location

Google

28° 31', -85° 13'

CANCEL

←

Create New Trip

Effort Details

Gear Type

ELECTRIC/HYDRAULIC, BANDIT REELS

Maximum Bottom Depth

Deepest bottom depth where fishing occurred, in feet.

110

Comments

Comments or uncoded data

<

>

	Species Name	Code	Gutted-lbs	Whole-lbs	Gear	Area	Depth
P O R G Y	Jolthead	3312	#	#			
	Knobbed	3308	#	#			
	Red	3302	#	#			
	Whitebone	3306	#	#			

Trip Start Date

Fri 9/23/2022

< Sep 2022 >

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

CANCEL OK

Trip Start Time

6:00 AM

HOUR MINUTES

AM PM

00 05 10 15 20 25 30 35 40 45 50 55

CANCEL OK

Create New Trip

Start Your Trip

Trip Start Date
Sat 9/17/2022

Trip Start Time
6:00 AM

Trip End Date
Tue 9/20/2022

Trip End Time
6:30 PM

Effort Length
☒ Hours

Hours fished in effort

< >

☰ ← Create New Trip

Effort Details

Gear Type

ELECTRIC/HYDRAULIC,
BANDIT REELS



Gear Quantity

of Hooks per Line

2



Gear Sets

of lines

3



Maximum Bottom Depth

Deepest bottom depth where fishing occurred,
in feet.

110



	Species Name	Code	Gutted-lbs	Whole-lbs	Gear	Area	Depth
P O R T Y	Jolthead	3312	#	#			
	Knobbed	3308	#	#			
	Red	3302	#	#			
	Whitebone	3306	#	#			

GEAR SECTION: See Instructions on Page 2.

Traps (T)		Longline(L) <input type="checkbox"/> PLL <input type="checkbox"/>		Gill Net <input type="checkbox"/> Drift <input type="checkbox"/> Anchor <input type="checkbox"/>	
<input type="checkbox"/> Fish	<input type="checkbox"/> Other	<input type="checkbox"/> Bottom	<input type="checkbox"/> Other	(GN) <input type="checkbox"/> Strike <input type="checkbox"/> Other	
Total #		# Sets		# Sets	
Trap Hauls					
# Traps		# Hooks		Length	
Used		per Line		(yards)	
Trap Soak		Set Soak		Depth	
Time (hrs)		Time (hrs)		(yards)	
Total Soak		Total Soak		Set Soak	
Time (hrs)		Time (hrs)		Time (hrs)	
Mesh:		Length		Mesh:	
<input type="text"/> x <input type="text"/> / <input type="text"/> x <input type="text"/>		(miles)			

Hook <input type="checkbox"/> (H) <input type="checkbox"/> (E) <input type="checkbox"/> (TR) <input type="checkbox"/> (B)					Divers <input type="checkbox"/> (S) <input type="checkbox"/> (P)			Other Gear (O)	
& Line	Hand	Bandit	Trolling	Buoy	Spear Power				
# Lines					# of			Type	
					Divers				
# Hooks					Total Hrs			Total Hrs	
per Line					Fished			Fished	
Total Hrs					SE VTR #: R20100001				
Fished									

☰ Catches

Effort 1 (ELECTRIC/HYDRAULIC, BANDIT REELS)

NEW

SUMMARY

Search...

- DOLPHINFISH
- GROUPE, RED
- MACKEREL, KING
- MACKEREL, SPANISH
- PORGY, JOLTHEAD
- PORGY, KNOBBED

+ CATCH

EFFORT

OFFLOADS

⋮

25° 45', -80° 15' @12:30 PM (5 meters)

Commercial

☰ ← GROUPE, RED

Quantity

223

▼

Unit Of Measure

Pounds

▼

Catch Disposition

General : Food

▼

Catch Source

Standard

▼

Market / Grade

UNCLASSIFIED / UNGRADED

▼

Offload

Add to an existing Offload...

▼

+

NEW

Species Name	Code	Gutted-lbs	Whole-lbs	Species Name	Code	Gutted-lbs	Whole-lbs
Amberjack-Great	1812	#	#	P Jolthead	3312	#	#
Amberjack-Lesser	1815	#	#	P Knobbed	3308	#	#
Almaco	1810	#	#	G Red	3302	#	#
Banded Rudder	1817	#	#	Y Whitebone	3306	#	#
Crevalle	0870	#	#	Blacknose	3485	#	#
Cobia	0570	#	#	Blacktip	3495	#	#
Dolphin Fish	1050	#	#	S Bonnethead	3483	#	#
GROUPE	Black	1422	#	SH Bull	3497	#	#
	Gag	1423	#	SH Dogfish, Smith	3511	#	#
	Warsaw	4740	#	SH Finetooth	3481	#	#
	Red	1416	#	SH Lemon	3517	#	#
	Scamp	1424	#	SH Sandbar	3513	#	#
	Snowy	1414	#	SH Sharpnose, Atl	3518	#	#
	Yellowedge	1415	#	SH Blackfin	3757	#	#
	Yellowfin	1426	#	SH Lane	3761	#	#
	Hind, Red	1413	#	SH Mangrove	3762	#	#
	Hind, Rock	1412	#	SH Mutton	3763	#	#
GRUNT	Hind, Speckled	1411	#	SH Queen	3770	#	#
	Bluestriped	1444	#	SH Red	3764	#	#
	French	1445	#	SH Silk/Yelloweye	3758	#	#
	White	1441	#	SH Vermillion	3765	#	#
	Margate	1442	#	SH Yellowtail	3767	#	#
	Margate, Black	1443	#	Triggerfish, Gray	4561	#	#
	Grunts, Unc.	1440	#	Triggerfish, Ocean	4562	#	#
	Hogfish	1790	#	Triggerfish, Queen	4563	#	#
	King Mackerel	1940	#	Tilefish, Gray	4474	#	#
	Spanish Mackerel	3840	#	Tilefish, Golden	4470	#	#
Wahoo	4710	#	#	Sea Trout, White	3455	#	#
Black Sea Bass	3360	#	#	Little Tunny	4653	#	#
Bluefish	0230	#	#	Barracuda	0180	#	#
Blue Runner	0270	#	#	Hake	1550	#	#

CATCHES

DETAILS



SELECT ALL

7 Pounds
AMBERJACK, LESSER
(UNCLASSIFIED /
UNGRADED)



EDIT

223 Pounds
GROUPER, RED
(UNCLASSIFIED /
UNGRADED)



EDIT

14 Pounds
SNAPPER, GRAY
(UNCLASSIFIED /
UNGRADED)



EDIT

Dealer

Search...



Clear Value

CASABLANCA FISH
MARKET

Name

Permit

654

NMFS -
Issuing Agency Southeast
Region

FISH MAFIA INC

Name

Permit

Issuing



Trip Reports

Trip starting at 9/17/2022 6:00
AM



Commercial
Sat 9/17/2022

NMFSS TEST BOAT

I certify that the vessel trip information I
am providing is true, complete and correct
to the best of my knowledge, and made in
good faith. Making a false statement is
punishable by law (18 U.S.C. 1001).



TAP TO AGREE.

SUBMIT

CATCHES

DETAILS

Sales Disposition

Sold To Dealer



OFFLOAD PORT
OFFLOAD PORT FOR CATCH

FL > PINELLAS > PINELLAS (COUNTY)

Offload Date
Offload Date

09-20-2022



Dealer License
Dealer Permit - if SOLD TO DEALER

FISH MAFIA INC



Dealer

Name: _____

SE Federal

Dealer Number:

--	--	--	--

State Trip

Ticket No.: _____

Check box if landings sold to multiple dealers: ☐ Yes

Editing a trip

- Easily add additional efforts, catches, and offloads
- View trip summary before submitting
- Go back to previous pages to make changes

←

Trip Summary

SUMMARY

EDIT

TRIP

Trip starting at 9/17/2022 6:00 AM Co...

EFFORT

Effort 1 (ELECTRIC/HYDRAULIC, ...

CATCHES SUMMARY

CATCH

7 LB AMBERJACK, LESSER U...

CATCH

106 LB SNAPPER, RED UNCL...

CATCH

14 LB SNAPPER, GRAY UNCL...

CATCH

223 LB GROUPER, RED UNCL...

OFFLOADS

You have no more Catches to ...

OFFLOAD

Sold To Dealer - FISH MAFIA ...

DETAILS

+ EFFORT

REPORT

⋮



Summary

- eTrips successfully being used by other partners
- Minimal data fields added to increase accuracy and reduce errors that would require send back
- Drop-down menus and favorites lists allow for quick and accurate data entry
- Built-in validations reduce data errors and omissions
- Logbooks received more quickly, eliminates need for manual data entry
- No need for separate discard logbook



Questions?



NOAA FISHERIES