



# **South Atlantic States Pilot Project: Charterboat Electronic Reporting**

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# Project Background

- 4 major components
  1. Electronic logbook for charterboat captains to log catch
  2. Reporting tool for electronic dockside validation of trip reports
  3. Electronic measuring boards to be used for discards on trips and during dockside interviews
  4. Phone app allowing law enforcement officers to check reporting compliance
- Each component has an initial software development phase, a field testing phase, and a refinement phase
- Also recruiting, training, and outreach for participants



# Logbook Update

- eTRIPS/Mobile
  - All software development is complete
  - Data collection from actual trips has begun and is ongoing
    - ~20 captains participating
  - 178 trip reports submitted by captains using the mobile app
    - 137 submitted since the Dec Meeting update
    - About half of those are from GA-FL and half from Carolinas
  - We expect data collection to continue through Summer

## Species

TargetSpecies

Gear

Ports

Dispositions

Licenses

Vessels

Dealers

## Select Favorites

Search...



Select Permit

NMFS-SER:FED  
4015171

AFRICAN POMPANO

ALEWIFE

AMBERJACK, GREATER

AMBERJACK, LESSER

ANCHOVY, BAY

ANCHOVY, DUSKY

ANCHOVY, KEY

ANCHOVY, STRIPED

ANGELFISH, BLUE

ANGELFISH, BROWN

# Catch Dispositions

Category	Disposition
Kept	Eaten/Plan to eat
	Used for bait
	Sold/Plan to sell
	Other
Discarded Dead	Under size limit
	Over size limit
	Legal size and hit bag limit
	Legal size and season closed
	Other

Category	Disposition
Discarded Alive	Under size limit
	Over size limit
	Legal size and hit bag limit
	Legal size and season closed
Not Bought on Board	Other
Other	Released alive
	Released Dead
	Seized by Law Enforcement
	Tagged and Released



Target Species	
Barracuda	Mullets
Basses, Striped	Porgies, Unc
Bluefish	Rays
Bonefish	Red Lionfish
Catfishes	Sailfish
Cobia	Sea Bass, Unc
Dolphin	Sea Trout, Unc
Drum	Shark, Unc
Eel, Unc	Snappers, Unc
Flatfish, Unc	Snook, Common
Groupers	Spadefish
Grunts	Swordfish
Hogfish	Tarpon
Jacks	Tilefish, Unc
King Whiting	Triggerfishes
Mackerels	Tripletail
Marlin, Unc	Tuna, Unc
Menhaden	Wahoo

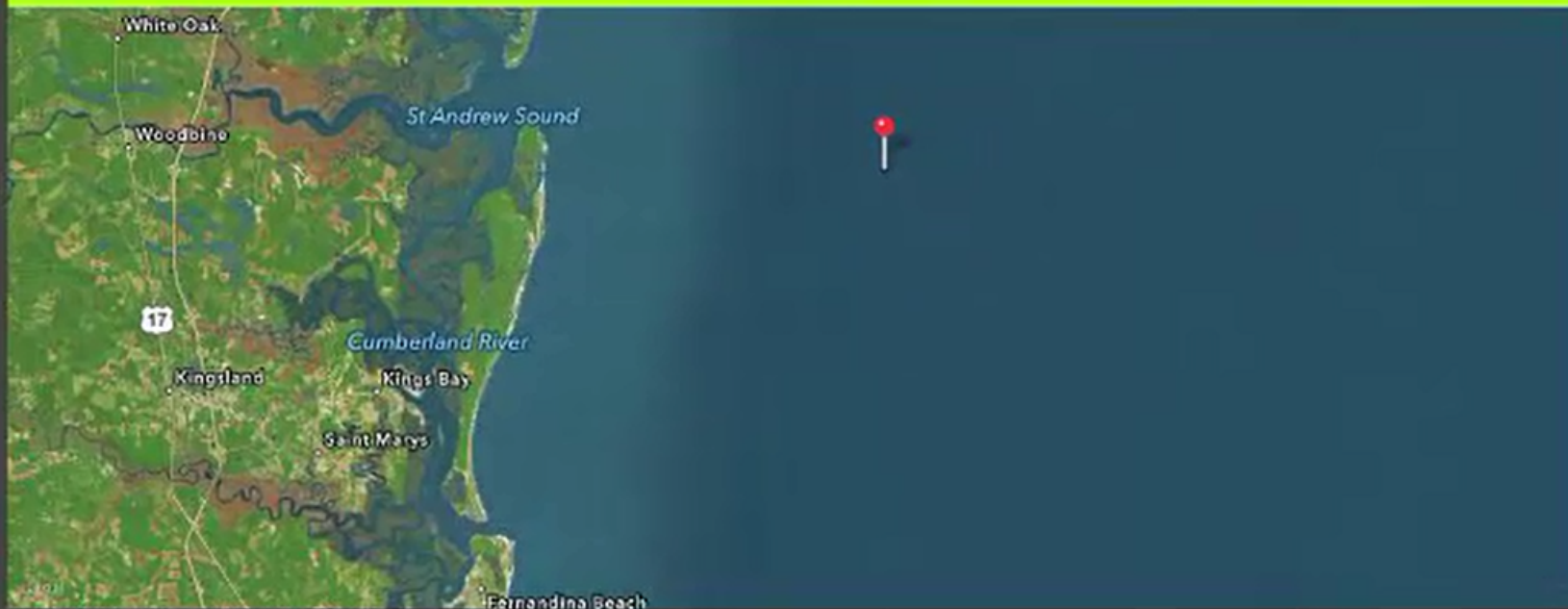
Gears
Bow and Arrow
By Hand, Diving Gear
Cast Nets
Dip Nets
Gigs
Gill Nets
Hand Line
Hook and Line
Other Gears
Pots and Traps
Powerheads
Spears, Diving
Tongs
Troll Lines



[← All Trips \[EVALUATION\]](#)

Trip Setup [EVALUATION]

## Location



30° 56' 43.6, -81° 8' 28.3



Trip Element	Trip Info																	
State	SC																	
Trip Start Date	3/27/2017																	
Trip Start Time	6:30 AM																	
Trip End Date	3/27/2017																	
Trip End Time	7:45 PM																	
Num Crew	2																	
Num Anglers	6																	
Effort Element	Effort Info																	
Distance	EEZ							EEZ										
Gear	Hook and Line							Troll Lines										
Gear Quantity	6							6										
Fishing Hours	3							4										
Hours/Days	H							H										
Species Caught	Black Sea Bass		Red Grouper	Cobia			Red Drum	Ballyhoo	Dolphin			King Mackerel					Wahoo	
Disposition	Food	Disc: Small	Disc: Cld Season	Food	Food	Disc: Small	Disc: No Retention	Bait	Food	Food	Disc: Small	Food	Food	Food	Disc: Small	Disc: Small	Food	Food
Rep Quantity	50	35	1	2	1	2	2	35	6	8	3	2	3	4	5	6	2	1
Unit of Measure	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN	CN
Length	-	-	18	33	35	30	-	-	50	55	15	26	24	28	20	22	45	40
Unit of Length	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in
Catch Latitude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Catch Longitude	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Target Species	Cobia							King Mackerel										
Avg Depth (ft)	100							350										
Latitude	32.79072869							31.84944922										
Longitude	-79.69868717							-78.426399										
Upload Date	3/28/2017							3/28/2017										





# Progress Update

- Work on LE tool will begin pending completion of the dockside validation app
- Dockside Intercept/Validation App
  - Development of the validation tool is underway, with collaboration of MRIP/OST
    - MRIP involved in development of electronic intercept log
  - Decided to build an electronic version of the current MRIP APAIS survey
    - Following the direction of the ongoing MRIP Validation Pilot in SC
  - Currently developing a working prototype of the app for testing

# Intercepts



Would you say you were fishing from...

Pier

Jetty, Breakwater

Other Man-made Structure

Headboat

Private Boat

Dock

Bridge, Causeway

Beach or Bank

Charterboat



Rental Boat



Group  
Group 2



Angler  
Angler 4



# Intercepts

Did you catch any fish that are not here for me to look at? For example, any that you may have thrown back or used for bait?

Catch U

## Type 2 Unavailable Catch

Quantity 1	Species Species 2
Disposition Eaten/plan to eat	



Group  
Group 2

## Disposition

Throw back alive

Throw back alive

Eaten/plan to eat

Used/plan to use for bait

Sold/plan to sell

Thrown back dead/plan to throw away

Some other purpose



# ← Intercepts ☰

May I look at your fish? What do you plan to do with the MAJORITY of each species?

Individual

Type 3 Available Catch

Quantity	Species
1	Species 1
Disposition	
Length (MM)	Weight (KG)
0	0

✕💾

⏪🎤✎⊕Group 2👤Angler 4⊕



← Inte

Counts

Angler Trips Counted (Not Interviewed)

0

⊖

⊕

Initial Refusal

0

⊖

⊕

Language Barrier

0

⊖

⊕

Not Done (Shore Mode)

0

⊖

⊕

Not Recreational

3

⊖

⊕

Not Salt Water

0

⊖

⊕

Not Fin Fishing

0

⊖

⊕

Not U.S.

0

⊖

⊕

✓





# Questions?

