# 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 <u>by captains</u> 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

Select Permit
NMFS-SER:FED
4015171

Search…

AFRICAN POMPANO

ALEWIFE

AMBERJACK, GREATER

AMBERJACK, LESSER

ANCHOVY, BAY

ANCHOVY, DUSKY

ANCHOVY, KEY

ANCHOVY, STRIPED

ANGELFISH, BLUE

ANGELFISH, FRENCH

# 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 |
| | Other |
| Not Bought on Board | Released alive |
| | Released Dead |
| Other | Seized by Law Enforcement |
| | Tagged and Released |

| Target Species | | Gears |
|---|---|---|
| Barracuda | Mullets | Bow and Arrow |
| Basses, Striped | Porgies, Unc | By Hand, Diving Gear |
| Bluefish | Rays | Cast Nets |
| Bonefish | Red Lionfish | Dip Nets |
| Catfishes | Sailfish | Gigs |
| Cobia | Sea Bass, Unc | Gill Nets |
| Dolphin | Sea Trout, Unc | Hand Line |
| Drum | Shark, Unc | Hook and Line |
| Eel, Unc | Snappers, Unc | Other Gears |
| Flatfish, Unc | Snook, Common | Pots and Traps |
| Groupers | Spadefish | Powerheads |
| Grunts | Swordfish | Spears, Diving |
| Hogfish | Tarpon | Tongs |
| Jacks | Tilefish, Unc | Troll Lines |
| King Whiting | Triggerfishes | |
| Mackerels | Tripletail | |
| Marlin, Unc | Tuna, Unc | |
| Menhaden | Wahoo | |

| 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: Clsd 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 | | | | | | | | | | |
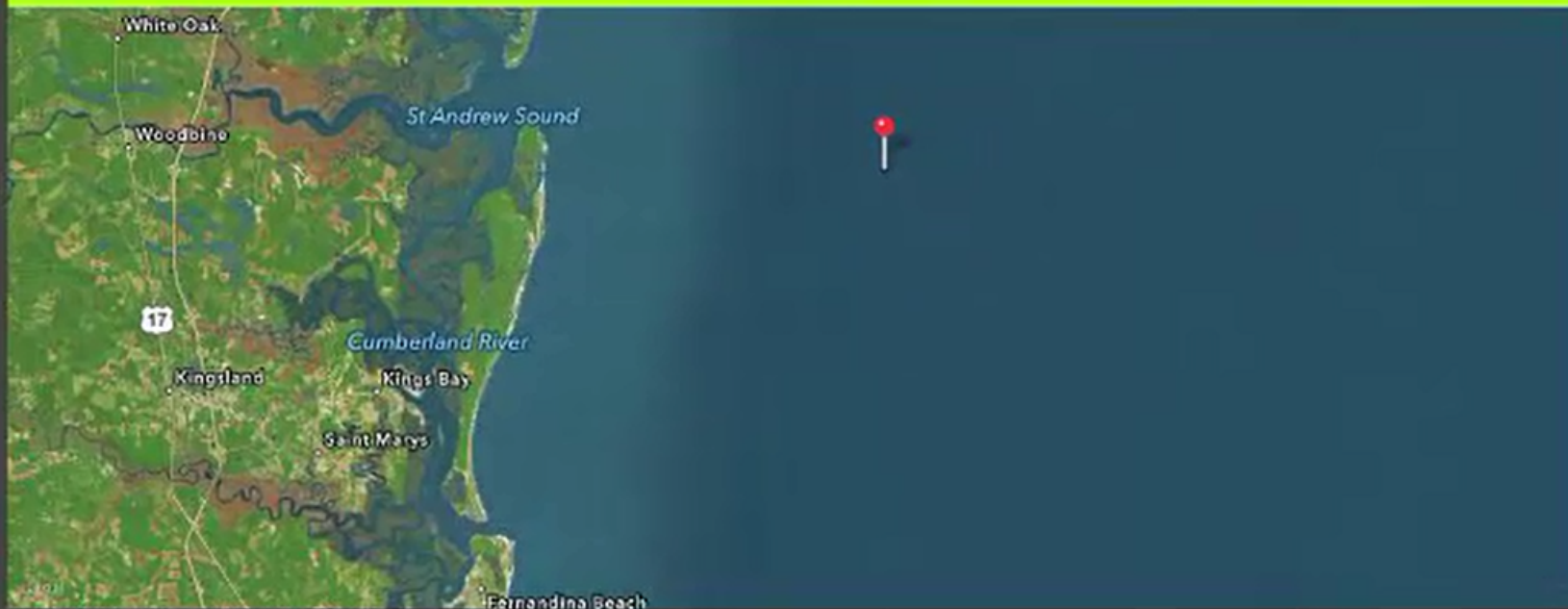
# **Progress Update**

- 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

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# Questions?