



South Atlantic States Pilot Project: Charterboat Electronic Reporting

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Project Background

- 4 major components
 1. eTRIPS/Mobile for charterboat reporting
 2. Dockside Interceptor 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



Dockside Interceptor Update

- Field testing ongoing in GA, SC, and NC
 - 2 tablets in NC and GA, 1 tablet in SC
 - All preliminary coding and beta testing has been completed
- Mostly charter trips; some shore mode
- Preliminary feedback:
 - Positive feedback from state reps
 - Optimistic about future use of this tool
 - Time required similar to paper
 - However, drastically reduces post-processing time
 - Work is still ongoing



Progress Update

- Measuring boards linked to tablets
 - Just happened last week
 - Will be added to field testing of Dockside Interceptor
- Work on LE tool has begun, but is still very preliminary
 - Setbacks during Dockside Interceptor development has slowed progress on this app
 - May have to end with basic feedback after the initial development is completed
 - Field testing may be able to happen after completion of this project



eTRIPS/Mobile Update

- Data collection from eTRIPS/Mobile is ongoing
 - 360 trips submitted by 18 captains using this mobile app
 - Participation ranged from 1 trip submittal to over 60
- Overall positive feedback
 - Captains are happy with the ongoing communication
 - Glad to see their suggestions being implemented
- Main criticism has been focused around 2 major topics:
 - Dispositions
 - Economic Questions



eTRIPS/Mobile Update

- Dispositions
 - Current dispositions were developed for comm trips
 - Working with ACCSP to create a list of dispositions specific to the rec fishery
- Economic Questions
 - 3 econ questions asked per trip:
 - Fuel used on the trip
 - Price of fuel per gallon
 - Fee charged for charter trip



eTRIPS/Mobile Update

- Economic Questions
 - Captains reluctant to fill these out
 - More willing to provide gallons of fuel used
 - ~15% of trips reported the charter fee vs. ~40% of trips reported the gallons of fuel used
 - Captains suggested we could find price of fuel and charter fees online and they shouldn't need to provide that info



Final Products & Future Direction

- eTRIPS/Mobile
 - All feedback from captains collected and app modifications are complete
 - Working with ACCSP to address issues with dispositions, species names, target species, and area aggregation of data
- Dockside Interceptor
 - Need a second round of feedback using measuring boards
 - Need intercepts of participating captains to match captain logs to intercepts
 - May be other sources of funding to continue developing this tool for widespread use within MRIP in the future



Final Products & Future Direction

- Electronic Measuring boards
 - Only working with Dockside Interceptor now
 - Future work may be able to link them to eTRIPS/Mobile app
 - In addition, the use of microphones to record data via voice-to-text may be explored in the future
- Law Enforcement app
 - Very behind in development
 - May only have time for initial beta testing and feedback
 - Field testing may have to occur in the future
- Full project report will be available at the December meeting



Thanks!!

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- ACCSP
 - Mike Cahall
 - Karen Holmes
 - Nico Mwai
- All the participating captains
- State Partners
 - Doug Mumford – NC
 - Chris Wilson – NC
 - Amy Dukes – SC
 - Kathy Knowlton – GA
 - Bev Sauls – FL
 - All the others not listed but who were essential to the success of this project.



Questions?

