



NOAA
FISHERIES

HMS Charter-Headboat Electronic Logbook Reporting

Atlantic Highly Migratory Species
Advisory Panel Meeting

September 5, 2018

Outline

- Current electronic logbook initiatives
 - Southeast Integrated Electronic Reporting (SEFHIER)
 - Southeast Region Headboat Survey
 - Electronic Vessel Trip Reporting (eVTR)
 - Standard Atlantic Fisheries Information Systems (SAFIS) eTrips
- Potential HMS electronic logbook project
- Questions for your consideration

Southeast For-Hire Integrated Electronic Reporting (SEFHIER)

Single Reporting System

NMFS approved device – tablet, computer, smartphone, VMS
SEFHIER requires all fish, including HMS, to be reported



Gulf of Mexico

- Hail out before leaving port
- Submit e-report prior to offloading
- GPS device affixed to vessel
- Fishing location - exact location



South Atlantic

- Weekly reporting
- Adjusts current e-reporting requirements for consistency*
- Fishing location – exact location or selection from grid

*Southeast Region Headboat Survey

SEFHIER – Implementation

- Target implementation dates (subject to change)
 - South Atlantic - January 1, 2019
 - Gulf of Mexico – April 1, 2019
- Issues – data housing, minimum standards, compliance/enforcement, survey design, outreach, management / budget
- Team of 53 individuals representing Council & Commission staff, ACCSP, HMS, Science Centers, GARFO, SERO, NOAA GC, HQ, MRIP, Strategic Planner
- Estimated annual operating costs ~ **\$6 to 7 million**

SEFHIER - July 2018 Workshop

Objective: identify process flows, anticipate problems & develop solutions

Outcomes:

- Identified major process steps in program

Trip Occurs

Data
Submission

Data
Integration &
Analytics

Access &
Dissemination

- Developed process flow maps for each step
- Industry representatives shared operational concerns



SEFHIER - July 2018 Workshop

Fishery Participant Concerns

- Reduce reporting burden, inefficiencies
- Need for calibration, validation mechanisms
- Transparency
 - E.g., in data management – when will data be available for stock assessment use?
- Unfunded Mandate
- ‘Dual’ or multiple permits – Gulf, South Atlantic, GARFO, HMS fisheries, state fisheries

SEFHIER requires all fish to be reported - CHB captains may need to double report HMS in early stages of implementation

Electronic Vessel Trip Report (eVTR)

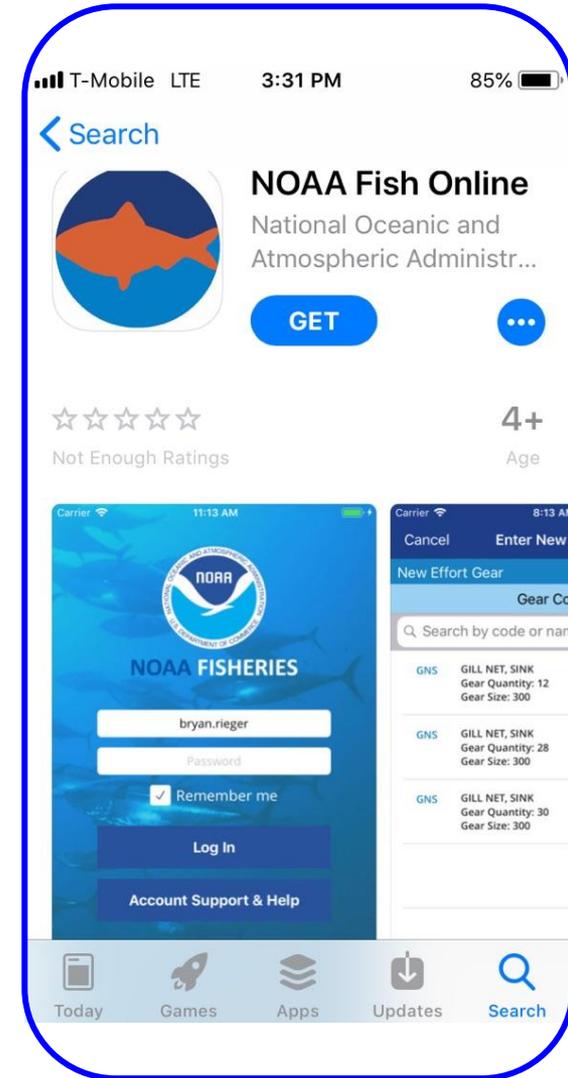
Region	New England	Mid Atlantic
Effective Date	2013 (optional)	2018 (mandatory)
Species	NE Multi-Species Groundfish	Atlantic Mackerel/ Squid/Butterfish, Summer Flounder, Scup, Black Sea Bass, Bluefish, Tilefish
Timing	weekly	immediately; 48 hours
Method	paper or electronic	electronic (paper form before arriving at port)

eVTR

How to Report –

- See website for list of options
<https://www.greateratlantic.fisheries.noaa.gov/aps/evtr/electronic/index.html>
- NOAA FishOnline phone app
- NMFS approved software

If holding an applicable permit, CHB captains must submit a catch report regardless of fishing location or what is actually caught --> double reporting



eVTR Option for Reporting: SAFIS eTrips

Standard Atlantic Fisheries Information Systems (SAFIS) eTrips



- Web-based, iPhone & Android tablets
- Developed by Atlantic Cooperative Coastal Statistics Program (ACCSP)
- Has the capability to address reporting needs for multiple state and federal programs
 - Adaptable platform that will ensure vessels with for-hire permits from multiple regions meet all reporting requirements
 - Example: Mid-Atlantic 48 hour reporting + additional South Atlantic data fields in one app
- 85 percent of Mid-Atlantic eVTR for-hire trip reports through June 2018 were submitted via SAFIS eTrips

Potential Future HMS CHB Electronic Reporting Program?

Potential Goals

- Improve data for management & stock assessments
- Reduce reporting inefficiencies / burden
 - Coordinate with new and existing programs to ensure flexibility and compatibility
 - Understand the overlap in reporting requirements for dual or multiple permitted HMS charter-headboat fishermen

Potential Future HMS CHB Electronic Reporting Program?

Reducing inefficiencies & burden:

- 3,618 HMS Charter/Headboat permits issued in 2017
- 1,264 (35%) with New England, Mid-Atlantic, South Atlantic, or Gulf of Mexico permits requiring federal logbook reporting
- Vessels with multiple permits report in most stringent logbook**

For-Hire Logbook Reporting Status	No. of HMS CHB Vessels	% of HMS CHB Vessels
GARFO* only	322	8.9
South Atlantic only	528	14.6
Gulf of Mexico only	206	5.7
GARFO + SATL	114	3.2
SATL + GOM	88	2.4
GARFO + SATL + GOM	7	0.2

* Mid-Atlantic party/charter or New England multispecies groundfish party/charter permit

** South Atlantic SEFHIER requirement

What Issues Should We Consider?

- Calibration / short term increases in burden
- Increases in program cost → higher permit cost
- Technology constantly changes
- Flexibility can increase administrative burden & cost
- Data collection - APAIS; For-Hire Survey; State logbooks
- Fragmented data environment - complicates effort / catch estimates; adds bias; VTR data currently only used by MRIP for effort, not catch estimates due to lack of validation
- Confusing; training / outreach challenges
- Use of HMS CHB permit by private anglers & commercial tuna fishermen (Goldsmith 2017)
- Vessel endorsements → different regulations

Prompt Questions

- As NMFS continues to consider HMS CHB e-reporting, what are your thoughts?
- For-Hire trips? Non For-Hire trips? Both?
- What objectives should an HMS CHB e-reporting program have?
- What issues should NMFS be aware of as we explore HMS CHB e-reporting?
- Should an HMS CHB logbook include the Caribbean? What are the unique concerns?

Questions?

HMS Charter Headboat Electronic Reporting

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GARFO (Mid-Atlantic, Northeast) eVTR

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Back Up Slides

Goldsmith 2017*, Chapter 3 - *Decision Making in a Mixed Commercial-Recreational Fishery for Atlantic Bluefin Tuna*

- CHB permit holders that captained a charter trip - 56%
- Primary bluefin tuna trip type
 - private recreational - 39.9%
 - charter recreational - 33%
 - private commercial - 23.7%
 - charter commercial - 3.4%

*<https://scholarworks.wm.edu/etd/1530192320/>

ACCSP – Recreational Technical Committee

