

Atlantic Highly Migratory Species Draft Amendment 10 Essential Fish Habitat

Outline

- Introduction to Essential Fish Habitat (EFH)
- Timeline of HMS EFH Actions
- Draft Amendment 10 Alternatives
- Important Reminders and Timeline



HMS EFH... What Is It?

Magnuson-Stevens Act (MSA) identifies EFH as "those waters and substrate necessary to fish for spawning, breeding, feeding or growth to maturity"

- Sustainable Fisheries Act of 1996
- Federally managed species only
- May or may not include state waters
- Must be periodically reviewed and revised
- Cannot be designated in international waters



Timeline of HMS EFH Actions

1999: EFH is first designated for Atlantic HMS

2003: EFH updated for some species

2009: Amendment 1 – 5-year review and update of EFH

2010: Amendment 3 – Designated smoothhound EFH

Interpretive rule – Recognized roundscale spearfish,

added it to the management unit, designated EFH

2014: Atlantic HMS EFH 5-Year Review - Initiated

2015: Atlantic HMS EFH 5-Year Review – Finalized; Notice

Of Intent to prepare Amendment 10

Sept 2016: Draft Amendment 10 released



Draft Amendment 10 (EFH)

Purpose:

- Update EFH with recent information
- Minimize to the extent practicable the adverse effects of fishing and non-fishing activities on EFH
- Identify other actions to encourage the conservation and enhancement of EFH

Need:

- 5 Year Review Process and Public Consultation → new information
- Revision of EFH is consistent with MSA requirements and National Standard 2 Guidelines



Draft Amendment 10 Alternatives

DRAFT Amendment 10 to the 2006 Consolidated Atlantic Highly Migratory Species Fishery Management Plan: **Essential Fish Habitat** and Environmental Assessment



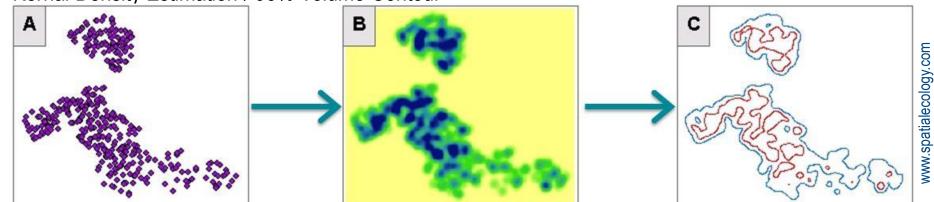
Alternative 1: No Action. Retain current EFH designations

Alternative 2

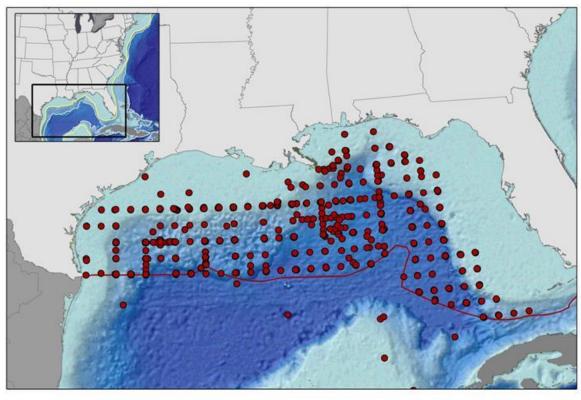
(preferred):

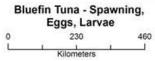
Update Atlantic HMS EFH with new data collected since 2009, using the protocols established under Amendment 1 (maps in Appendix E).

Kernal Density Estimation / 95% Volume Contour

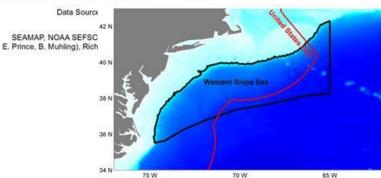




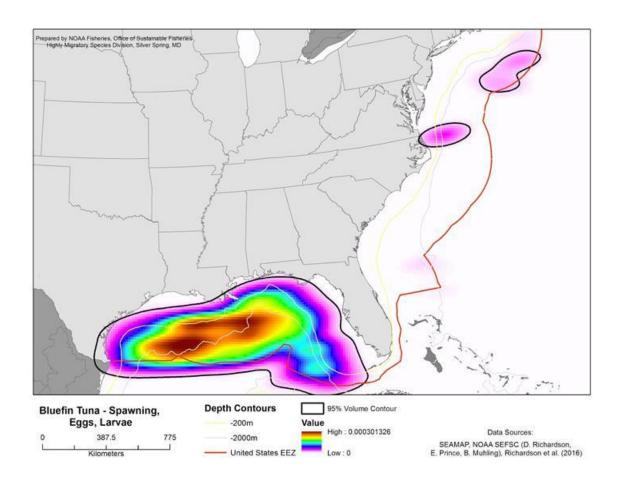




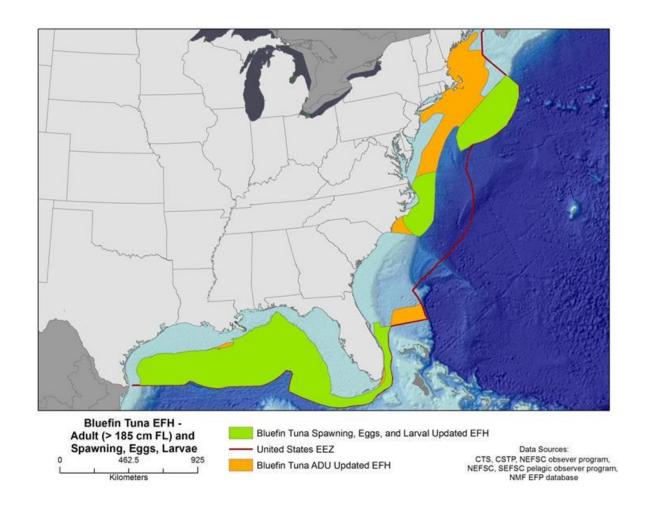














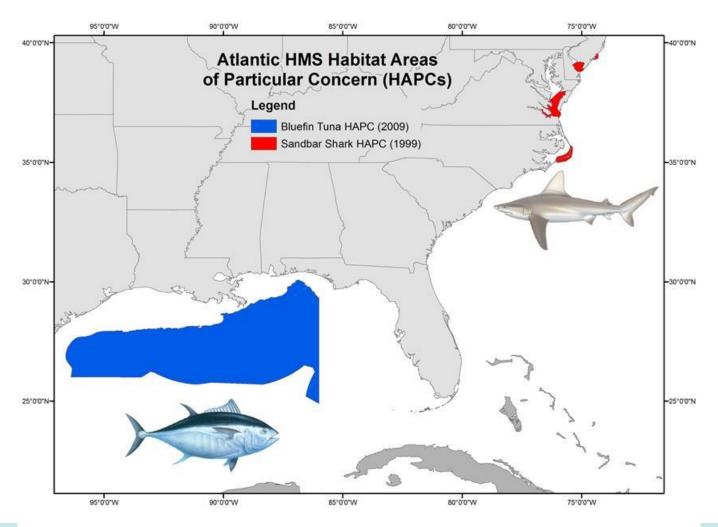
HAPC Alternatives

HAPCs are subsets of EFH that are one or more of the following:

- (i) The importance of the ecological function provided by the habitat.
- (ii) The extent to which the habitat is sensitive to human-induced environmental degradation.
- (iii) Whether, and to what extent, development activities are, or will be, stressing the habitat type.
- (iv) The rarity of the habitat type.

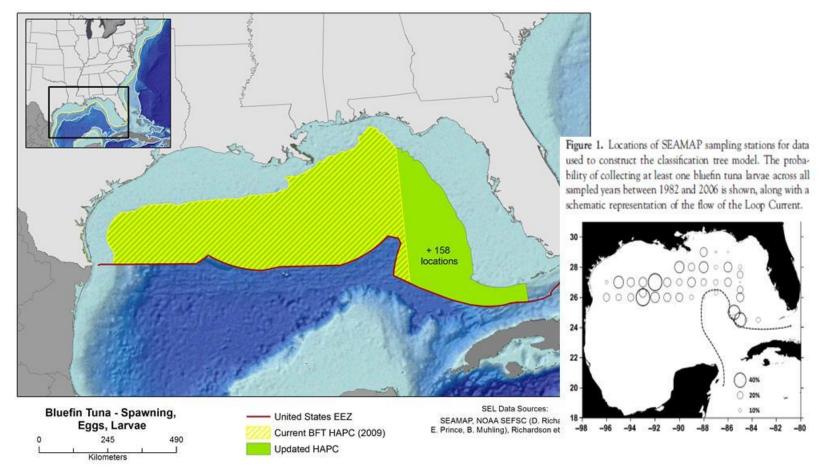


Current HMS HAPCs: Bluefin tuna and Sandbar shark



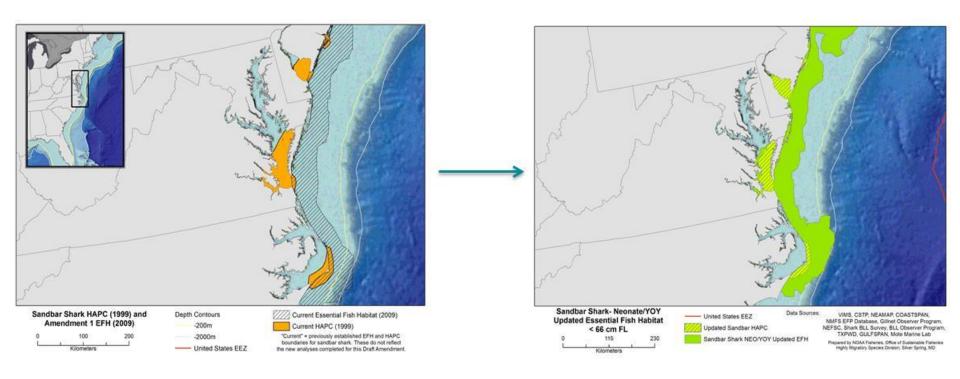


Alternative 3b
 (preferred): Modify current HAPC for bluefin tuna

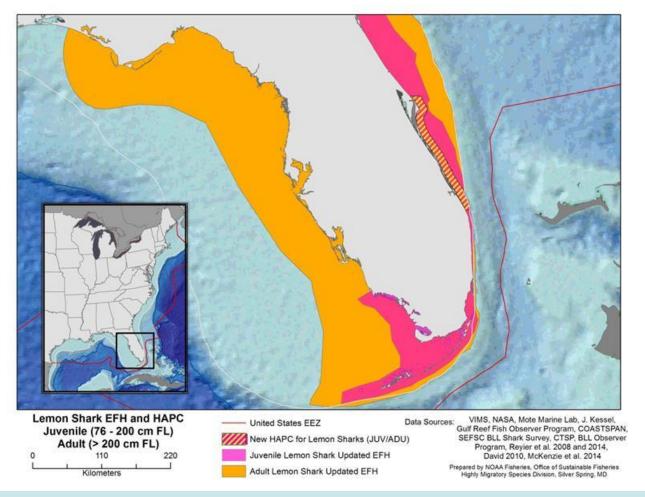




Alternative 4b
 (preferred): Modify current HAPC for sandbar shark

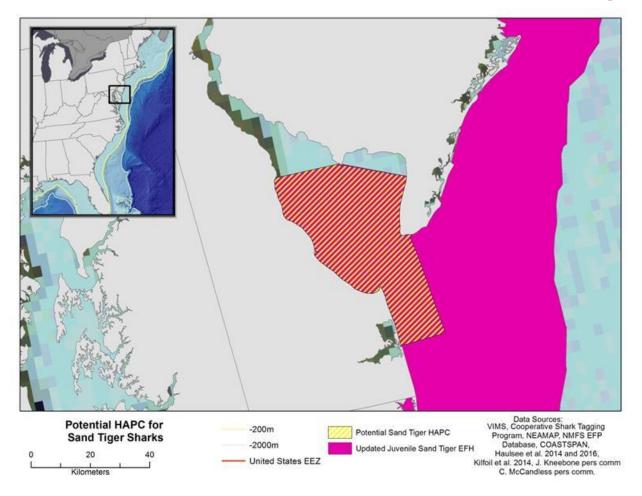


Alternative 5b
 (preferred): Create a new HAPC for lemon sharks



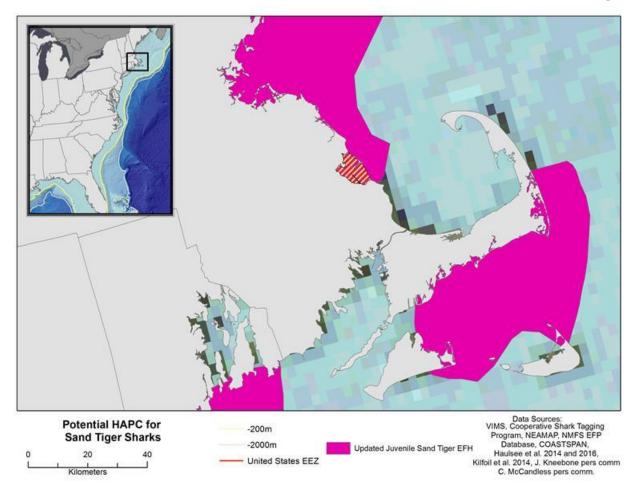


Alternative 6b
 (preferred): Create new HAPCs for sand tiger shark





Alternative 6b (Continued)
 (preferred): Create new HAPCs for sand tiger shark





Important to Note:

- EFH designations and Habitat Areas of Particular Concern (HAPCs) are <u>NOT</u> time/area closures
- Updating EFH boundaries in conjunction with implementing time/area closures would require notice and comment rulemaking and detailed ecological, economic, and social analyses.
- There are no implementing regulations (i.e., restrictions on fishing and non-fishing activities) in the Draft Amendment.
- EFH designations, when used as part of the habitat consultation process, enable NMFS to identify measures to avoid, minimize or mitigate for adverse impacts to EFH that may result from actions which are authorized, funded, or undertaken by federal agencies (including adjustments to FMPs).



Timeline

- Draft Amendment released September 2016
- Webinar/Public Conference Calls:
 - November and December 2016
- Additional Opportunities for Public Input:
 - Council and Commission meetings (September, October, December)
- Comment Period Ends December 22, 2016



Questions?

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http://www.nmfs.noaa.gov/sfa/hms/documents/fmp/am10/index.html

