

HIGHLY MIGRATORY SPECIES ESSENTIAL FISH HABITAT REVIEW – FINAL

November 2023



REVIEW TIMELINE

Month/year	Activity
March 2020	The Council considered Scoping and adopted the Phase 1 Action Plan
June 2020	Call for data and information issued
Sept 2020	Council considered Phase 1 report , agreed to move to Phase 2
March 2021	Council adopted the Phase 2 action plan
May 1-2, 2023	HMSMT meeting with emphasis on EFH
September 2023	Council adopted preliminary HMS EFH modifications for public review
November 2023	Council considers final action on HMS EFH modifications



SEPTEMBER RECOMMENDED CHANGES/EDITS

- Add OSW text to non-fishing impacts section (SSC)
- Add text - HMS prey is unmanaged and/or prohibited forage fish (SSC)
- Modify Research & Information Needs text (HC)
- Correct BFT name from northern BF to Pacific BF
- Fix IUCN refs – those are for the global distribution, not the EFH
- Change 100 miles to 100nm for thresher shark
- Change map colors so global distribution is distinct from EFH



Overall EFH Changes

EFH component	Updates
EFH description & identification	Updated to reflect recent information on life histories, habitat, prey, & distribution per life stage
Maps	New maps reflecting overall distribution and EFH spatial extent.
Fishing impacts (MSA & non-MSA)	Text updates; additional information on prey species. No mgt measures
Non-fishing impacts; conservation & enhancement measures	Minor updates; add Kiffney et al
HAPCs	Minor text updates; no proposed HAPCs
Research and Information	Updated based on Advisory Body input



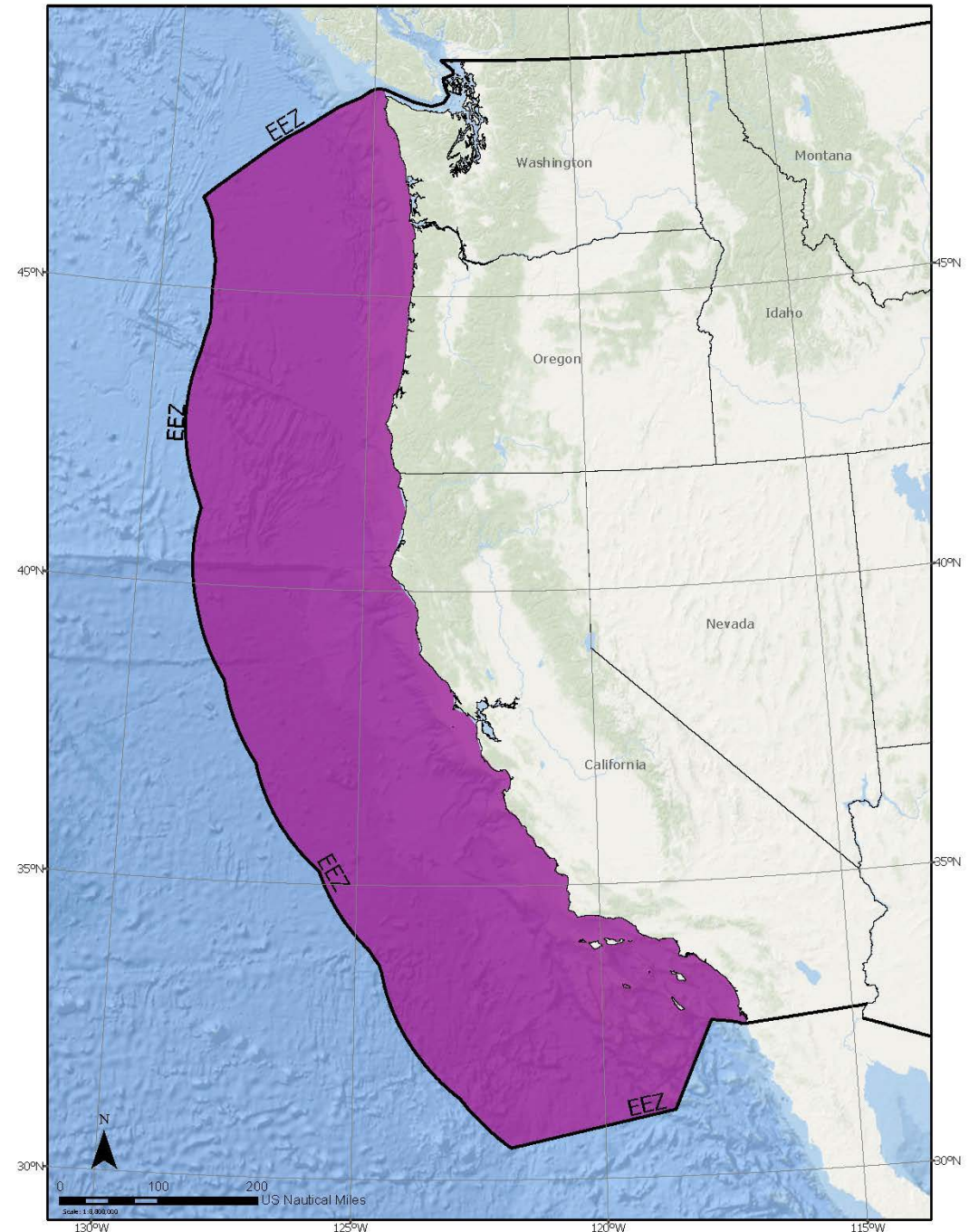
PROPOSED CHANGES TO SPATIAL EXTENT

Species	Current	Proposed
Common thresher	6fm - 1900fm	12m - 100nm
Shortfin mako	100fm - EEZ	12m - EEZ
Blue shark	1000fm - EEZ (N. of Pt Conception) 100fm - EEZ (S. of Pt Conception)	12m - EEZ
Albacore tuna	100fm - EEZ	12m - EEZ
Bigeye tuna	100fm - EEZ (S. of Pt. Conception)	12m - EEZ (S. of Pt Conception)
Bluefin Tuna	100fm - EEZ	12m - EEZ
Skipjack tuna	400fm - EEZ (S. of Pt. Conception)	12m - EEZ (S. of Pt. Conception)
Yellowfin tuna	100fm - EEZ (S. of Pt. Conception)	12m - EEZ (S. of Pt. Conception)
Striped marlin	200fm - EEZ (S. of Pt Hueneme)	12m - EEZ (S. of Pt. Conception)
Swordfish	400fm - EEZ (S. of Pt. Conception) and 1000fm - EEZ N. of Pt. Conception)	12m - EEZ
Dorado	6fm - EEZ (S. of Pt. Conception)	12m - EEZ (S. of Pt. Conception)



HMS EFH - COMBINED

- EEZ: Albacore, swordfish, BFT, blue shark, shortfin mako
- EEZ south of Pt Conception: Dorado, YFT, skipjack tuna, striped marlin, bigeye tuna
- EEZ to 100nm: common thresher shark



ACKNOWLEDGEMENTS

Nicole Nasby-Lucas (SWFSC)

Heidi Dewar (SWFSC)

Amber Rhodes (NMFS)

Eric Chavez (NMFS)

Stephani Onisko (NMFS)

Kit Dahl (PFMC)

Kerry Griffin (PFMC)

HMSMT



QUESTIONS?

