

## MAP OF AMENDMENT 28 COUNCIL-RECOMMENDED ALTERNATIVE

The Council recommended final preferred alternatives for changes to essential fish habitat conservation areas (EFHCAs) and the groundfish trawl Rockfish Conservation Area (RCA) in April 2018 as part of Amendment 28 to the Groundfish Fishery Management Plan.

The Council's final recommendation modified and added to the existing suite of EFHCAs off Washington, Oregon, and California. The Council also recommended removing the RCA off Oregon and California.

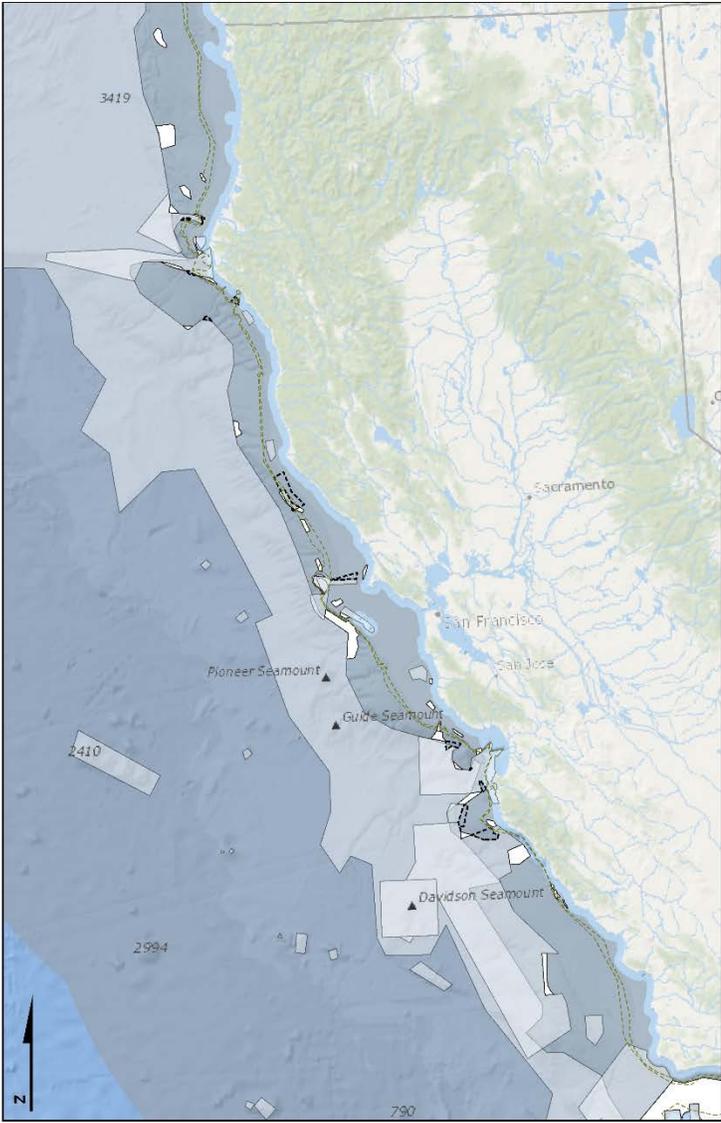
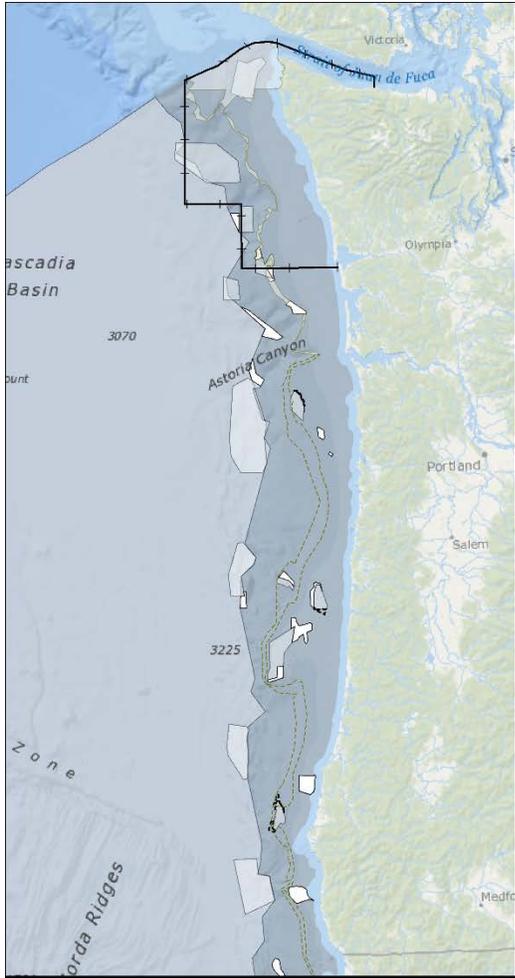
Some EFHCAs overlap with the trawl RCA. Figure 1 depicts existing Amendment 19 EFHCAs in a translucent white, new proposed closures in solid white, and new proposed areas to be reopened with dashed lines. The map also depicts the boundary line approximating the 100 fathom line and the 150 fathom line (olive green). Off Oregon and California, there is no shading between the depth lines, because the RCA is removed. The depth-based lines are shown to illustrate the spatial relation of newly reopened areas of the RCA and existing/proposed changes to EFHCAs. The Council also adopted a final preferred alternative for a deep-water closure south of the Mendocino Ridge, California (greater than 3,500 meters). However, this large closure does not have any spatial overlap with EFHCAs or the RCA and is therefore not depicted in Figure 1, but can be seen in Figure 2.

Maps and mapping tools will be available to the public shortly. Figures 1 and 2 will be shown in the upcoming draft Environmental Impact Statement (DEIS), anticipated to publish by early October 2018. The [web-based mapping tool](#)<sup>1</sup> that supported Council recommendations has been updated over the summer and is under final review with members of the project team. An updated web-based mapping tool is anticipated to be available to the public by the end of September, and will reflect the alternatives presented in the DEIS, including the Council's recommendations from April, presented as the preferred alternative in the DEIS. NMFS will announce availability of the updated web tool and DEIS via public notice at the start of the DEIS public review period.

The maps on the following pages depict the old tribal usual and accustomed fishing areas boundaries because official maps of the most recent Court-ordered boundaries have not yet been adopted by NMFS.

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<sup>1</sup> <http://www.soundgis.com/efh/efh2018-metrics/>

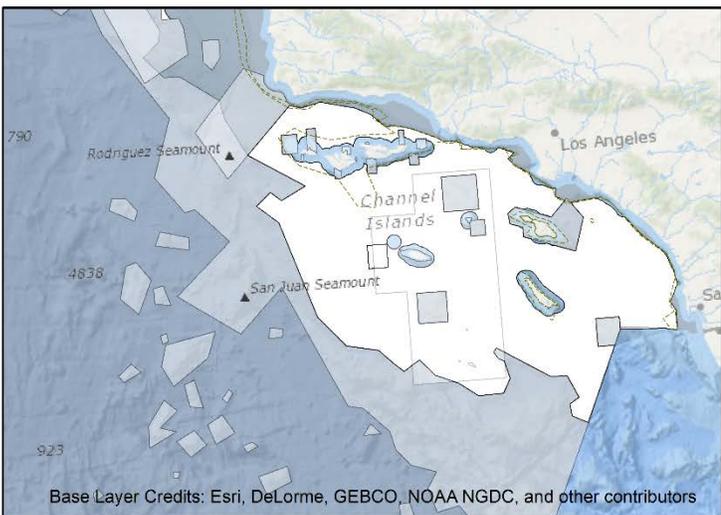


**Pacific Coast Groundfish  
Essential Fish Habitat &  
Rockfish Conservation Area  
Preferred Alternative**

- Proposed EFHCA closure
- Proposed EFHCA reopening
- Existing EFHCA or GCA closure - modified w/proposed reopenings
- Existing Trawl RCA closure -
- Proposed Trawl RCA reopening - OR/CA
- Tribal U&A boundary (2016)
- Federal Waters

0 50 100 200 Miles

Cartography by Allison Bailey, Sound GIS 8/28/2018



Base Layer Credits: Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors

Figure 1: Coastwide map of the Council's April 2018 final preferred alternative for both EFHCAs and removal of the groundfish trawl RCA.

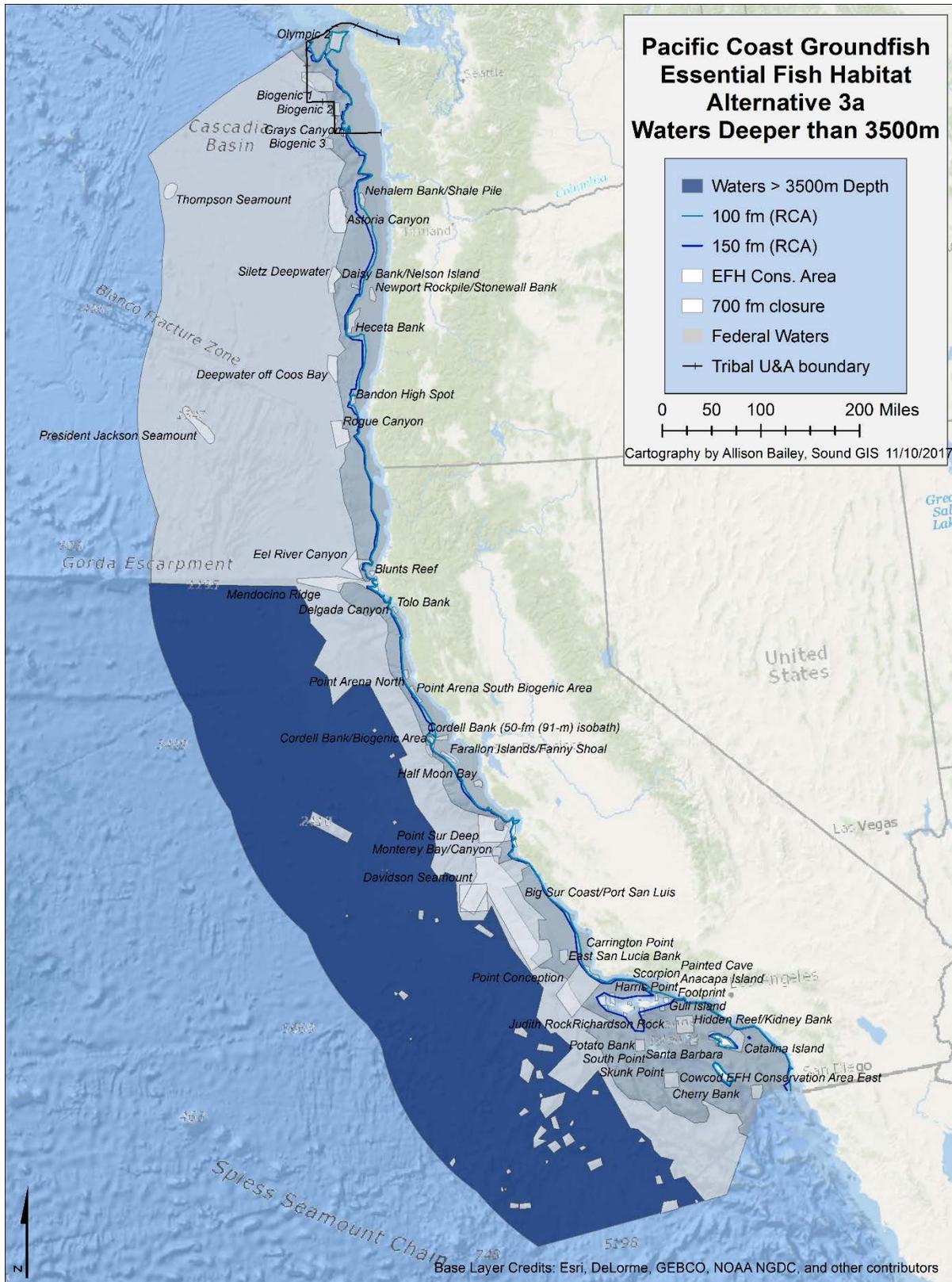


Figure 2: Alternative 3.a, a deep-water closure to bottom contact gear to protect habitat under MSA discretionary authority.