

Oregon Offshore Wind Call Areas and Fishing Effort Datasets

Prepared by the Bureau of Ocean Energy Management (BOEM)
Datasets available on the Offshore Oregon Wind Mapping Tool
(OROWindMap, <https://offshorewind.westcoastoceans.org/>)

OROWindMap Link to ODFW Data

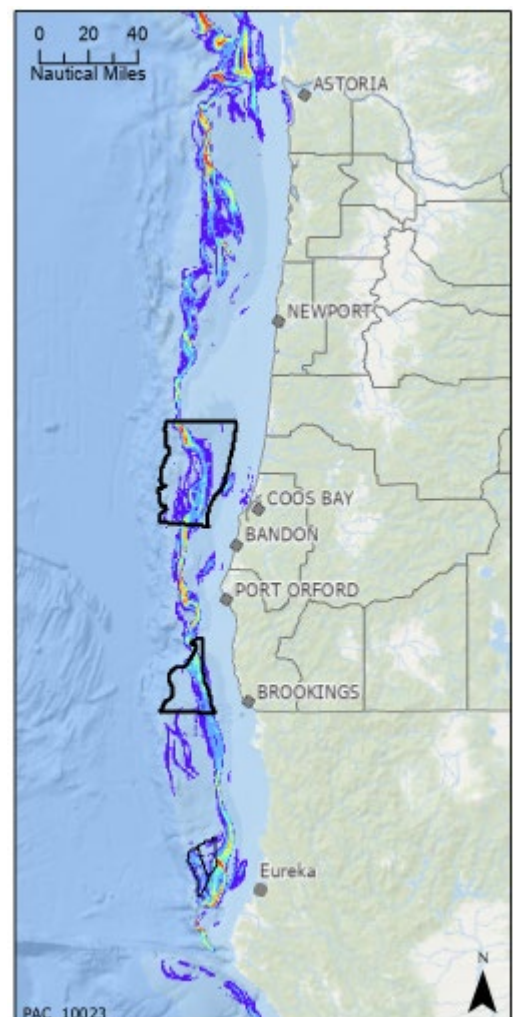
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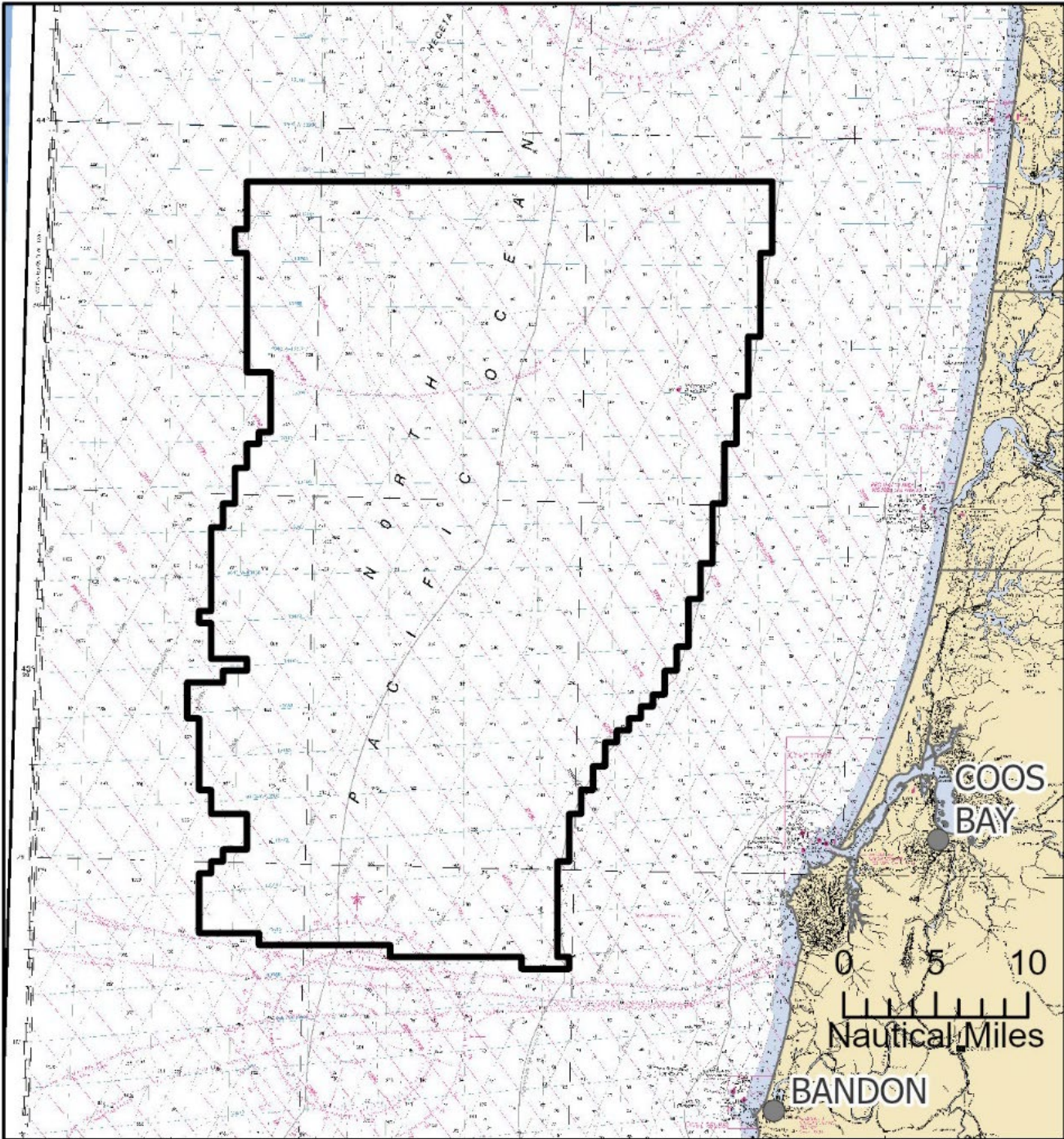
OROWindMap Link to FRAM Data

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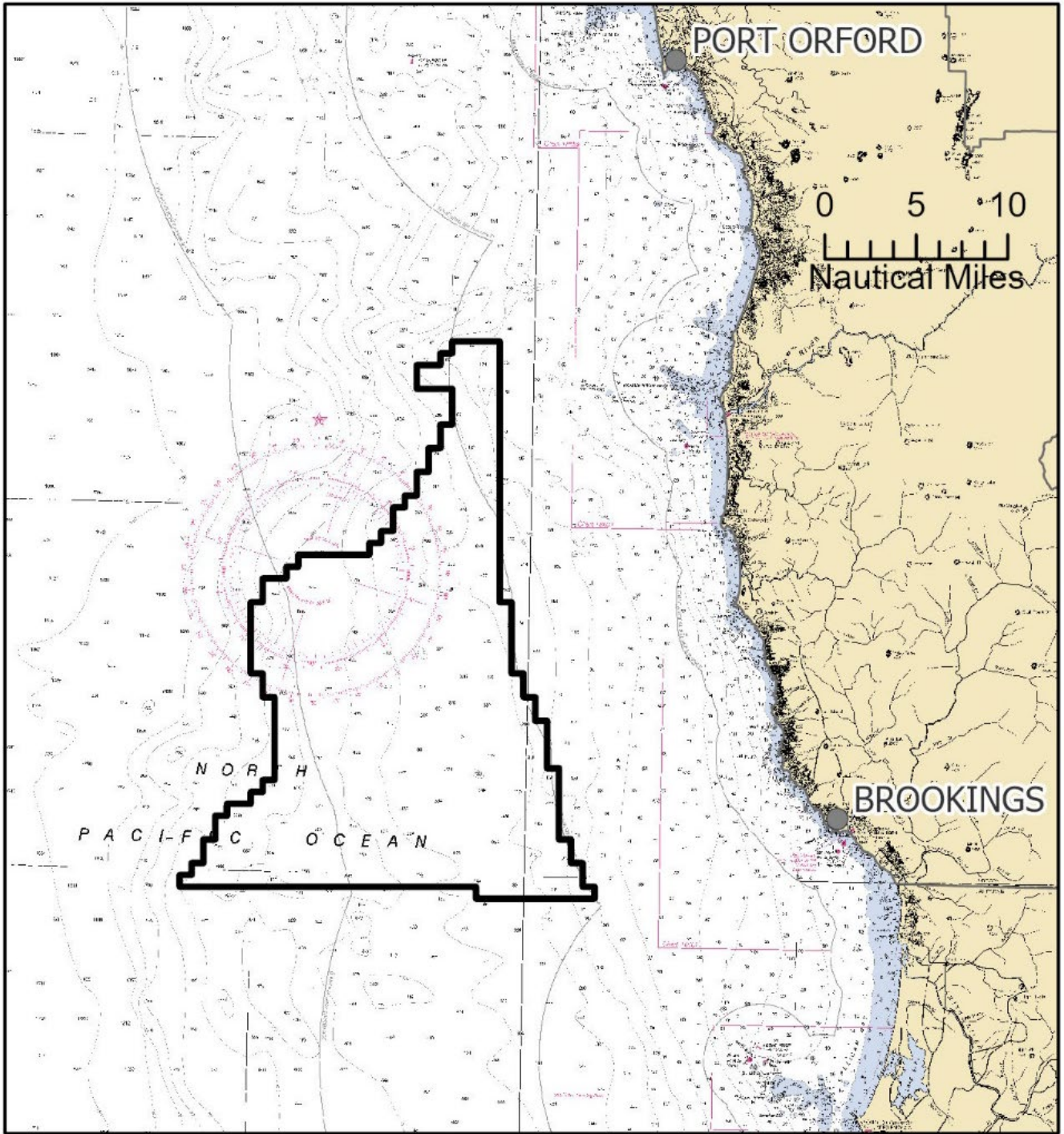
OROWindMap Link to VMS Data

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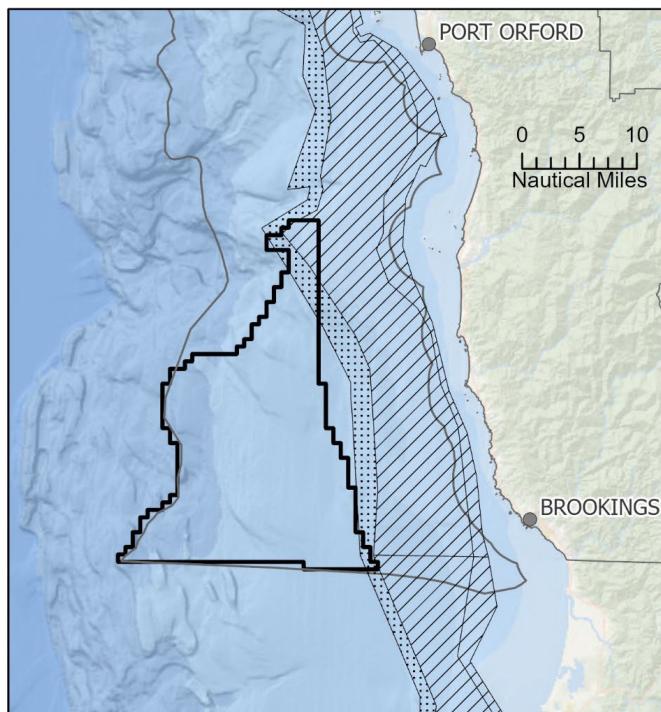
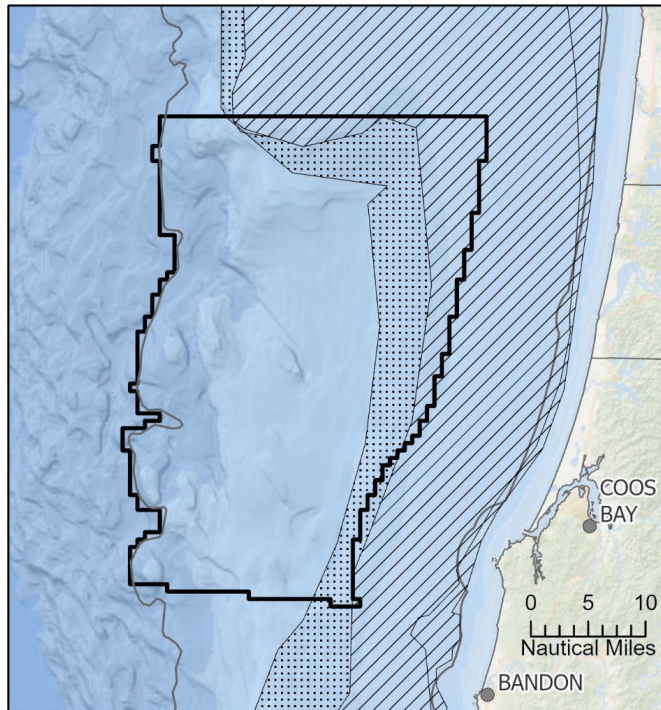
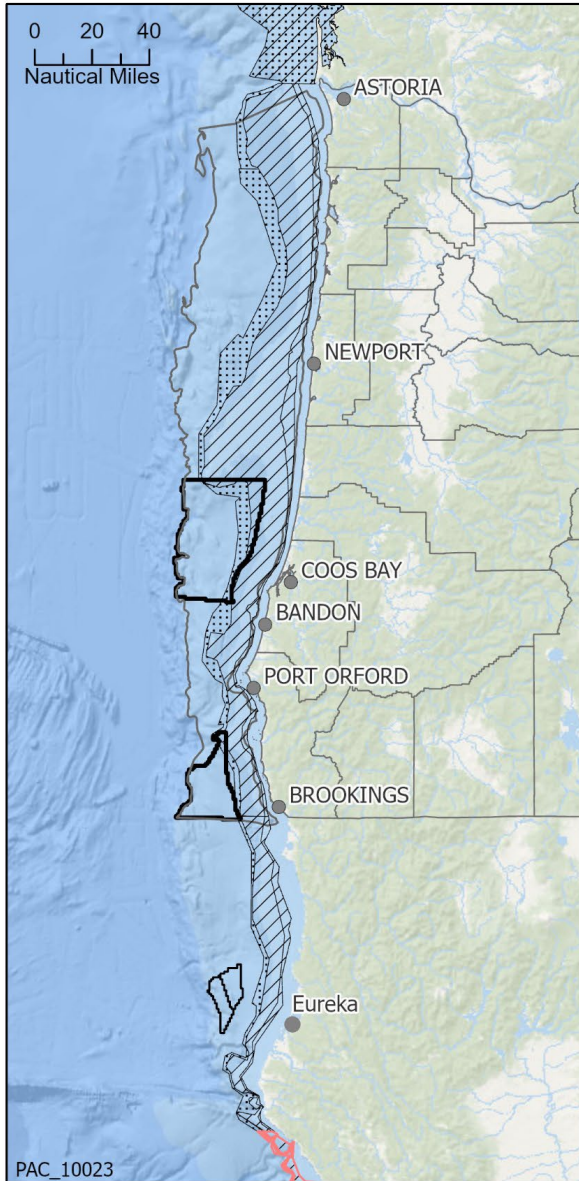




Coos Bay Call Area



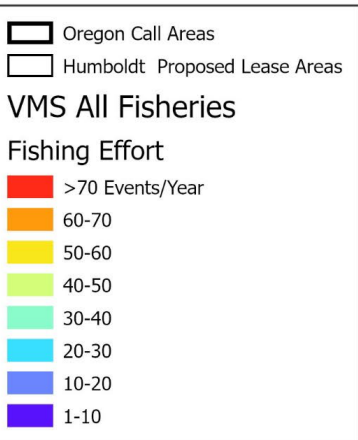
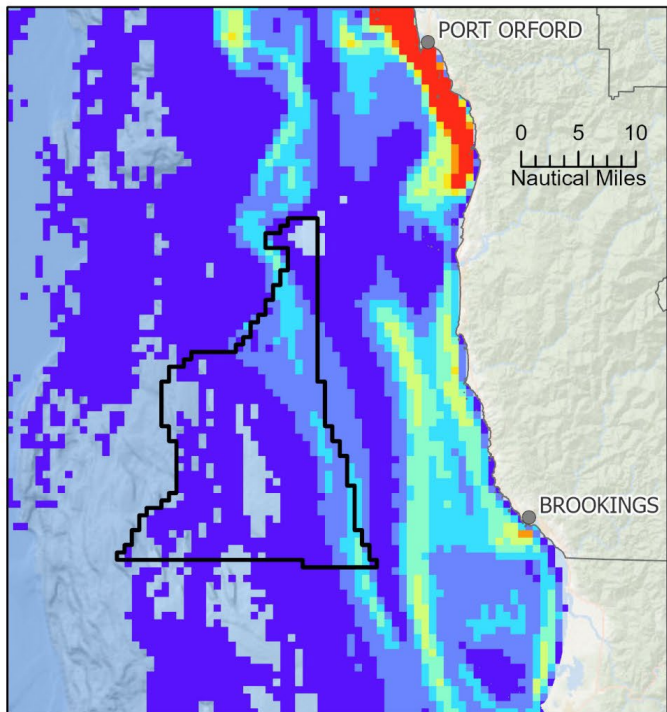
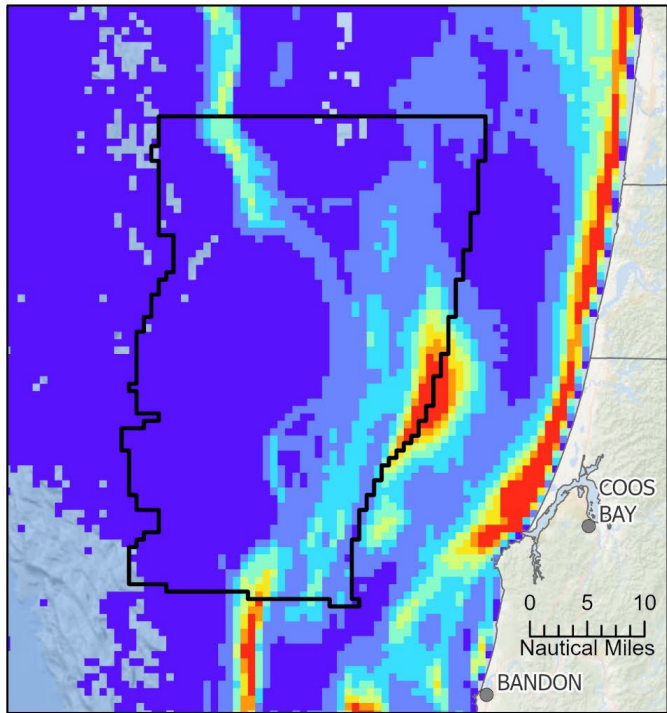
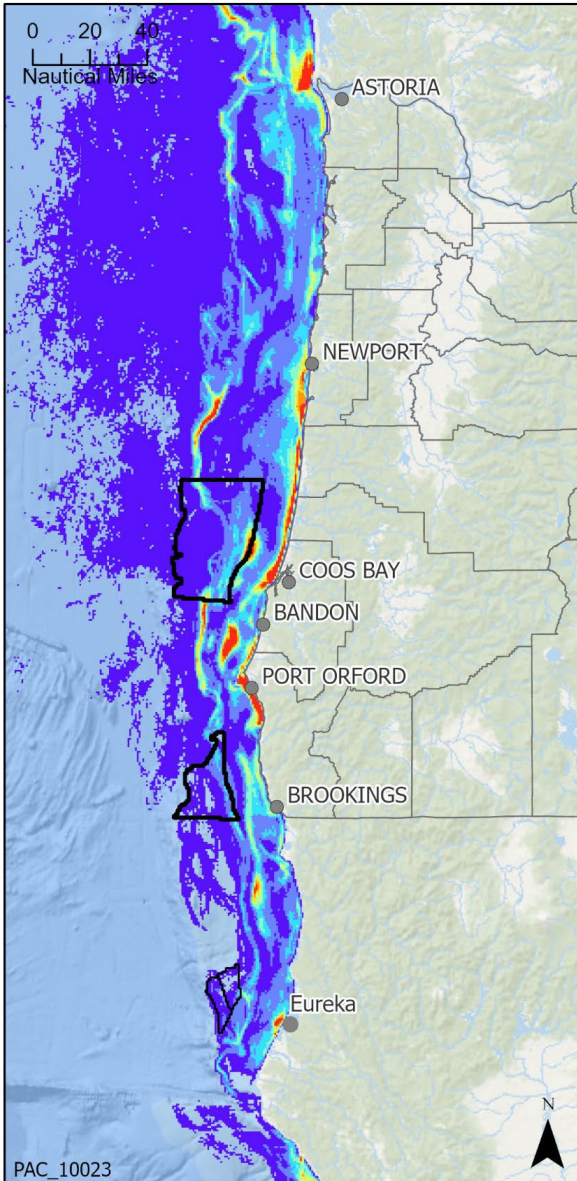
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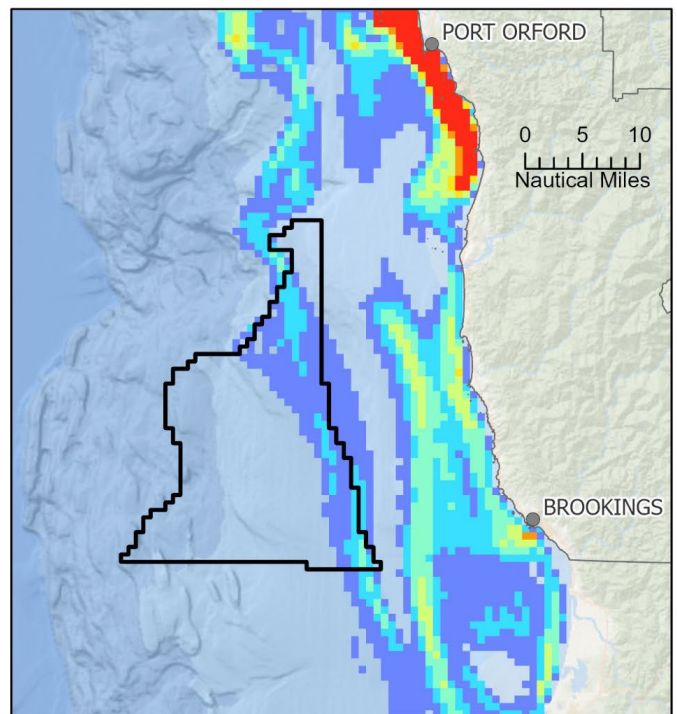
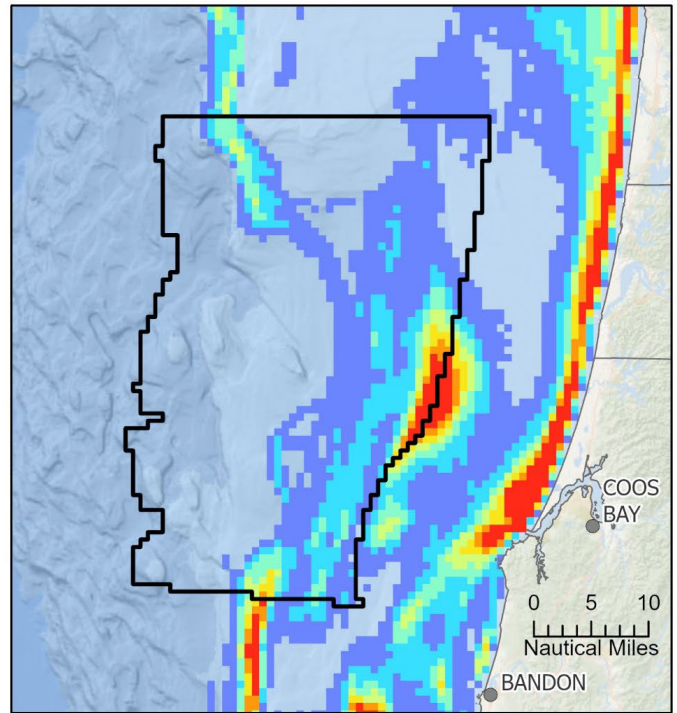
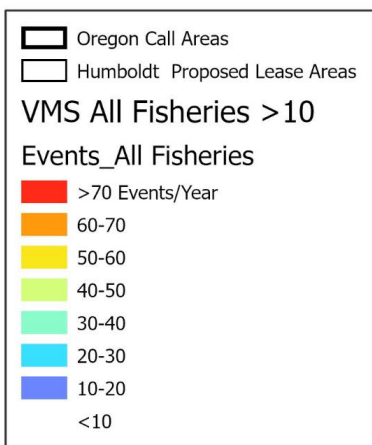
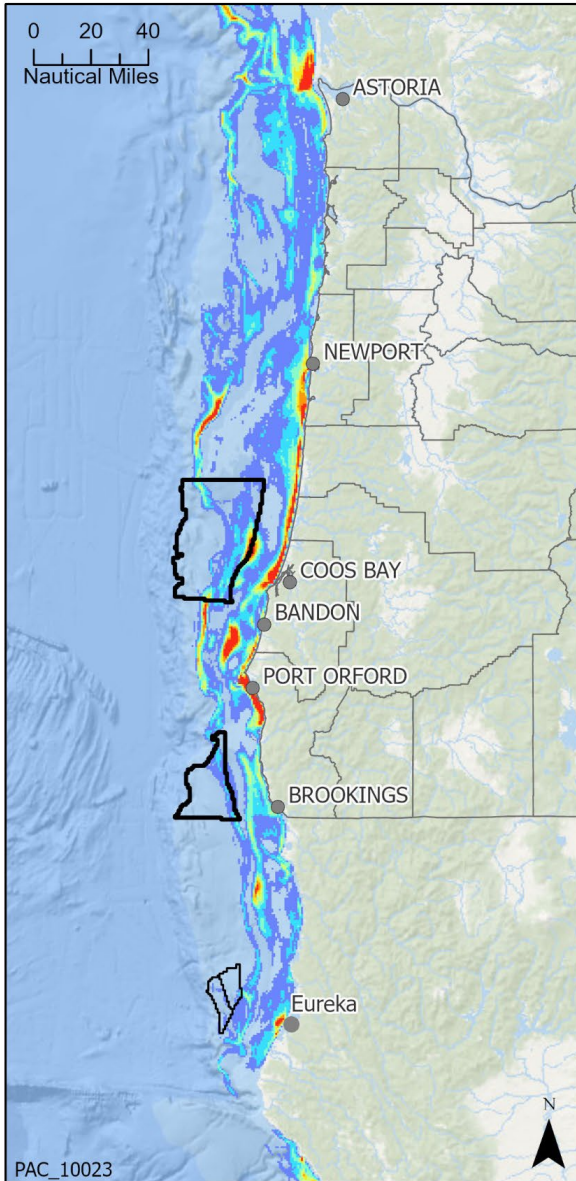
Based on NOAA Office of Law Enforcement (OLE) Vessel Monitoring System (VMS) data 2010-2017.

Map Date: 06/09/2022

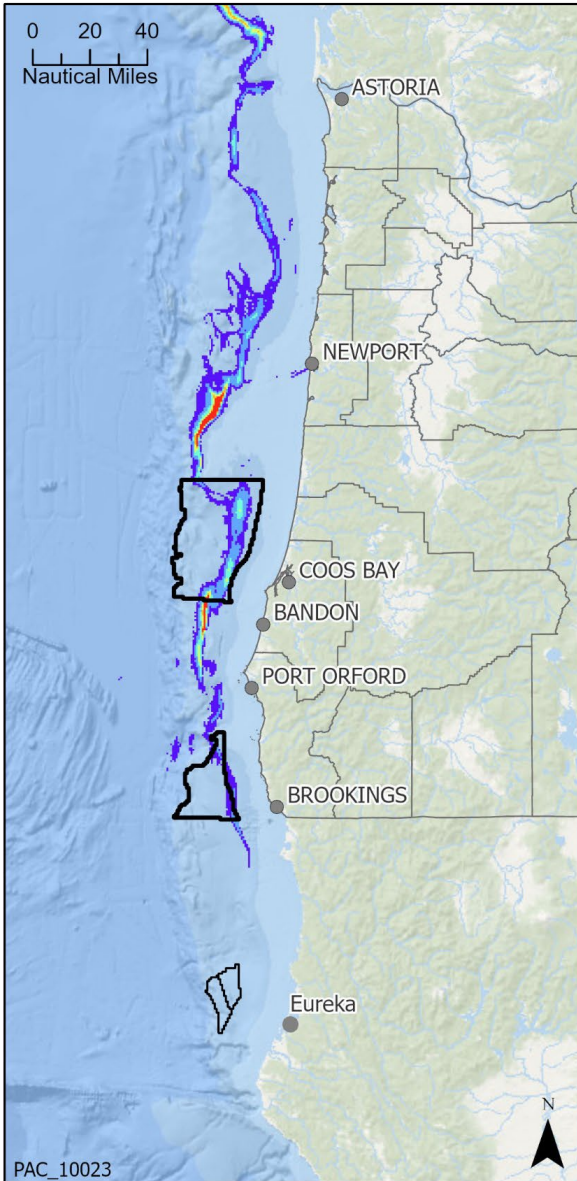
Rockfish Conservation Areas



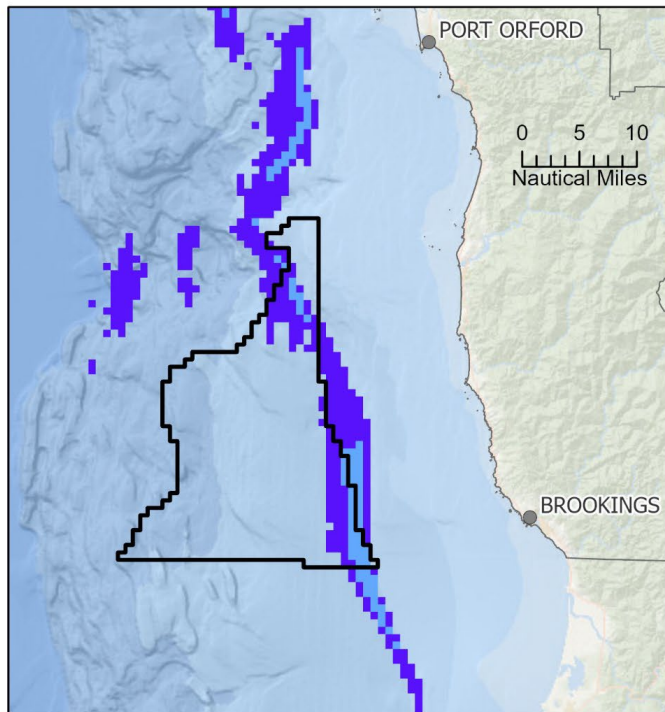
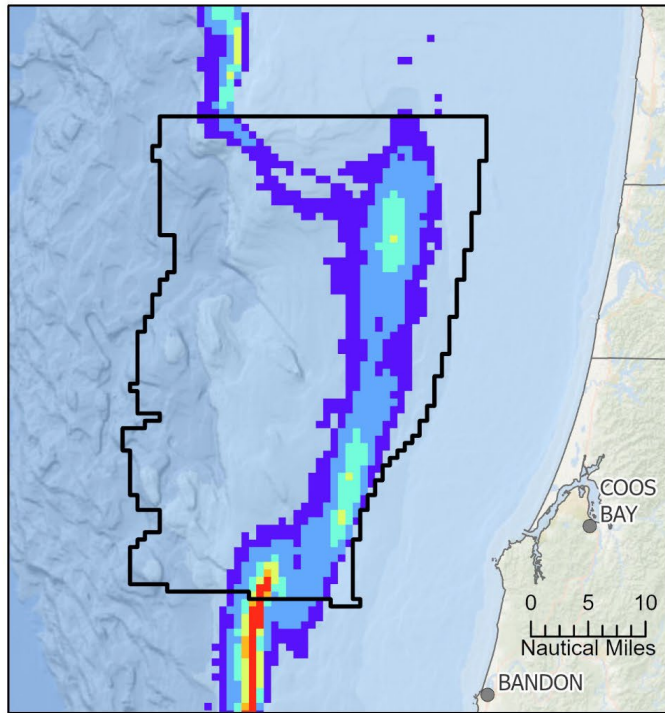
Based on NOAA Office of Law Enforcement (OLE) Vessel Monitoring System (VMS) data 2010-2017.
Map Date: 06/09/2022



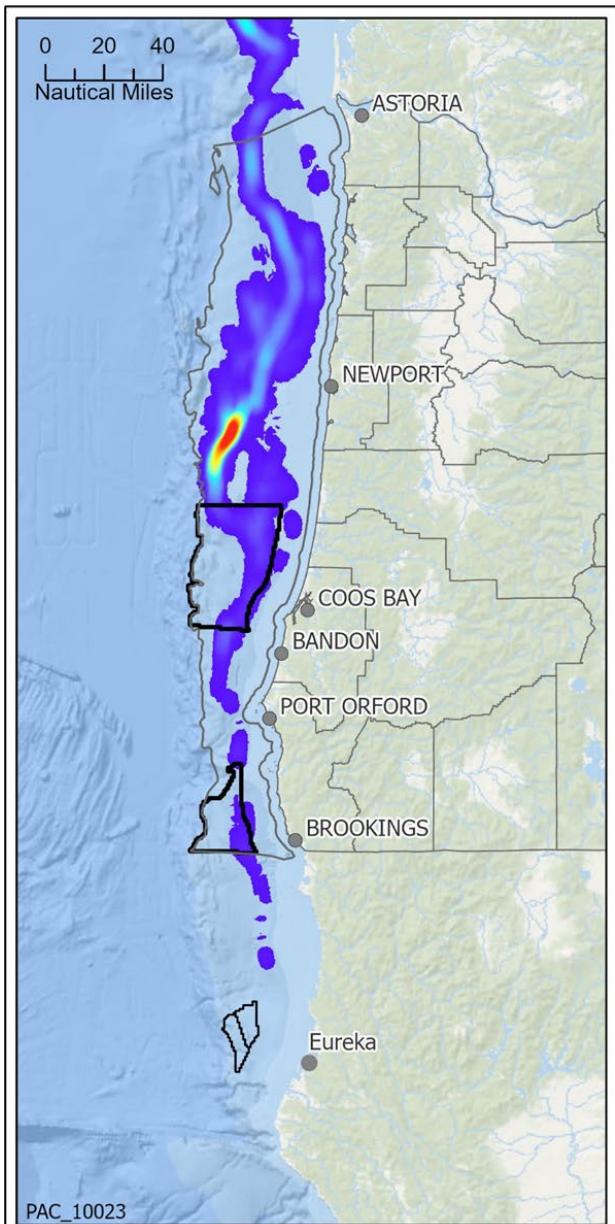
Based on NOAA Office of Law Enforcement (OLE)
Vessel Monitoring System (VMS) data 2010-2017.
Map Date: 06/09/2022



PAC_10023



Based on NOAA Office of Law Enforcement (OLE)
Vessel Monitoring System (VMS) data 2010-2017.
Map Date: 06/09/2022

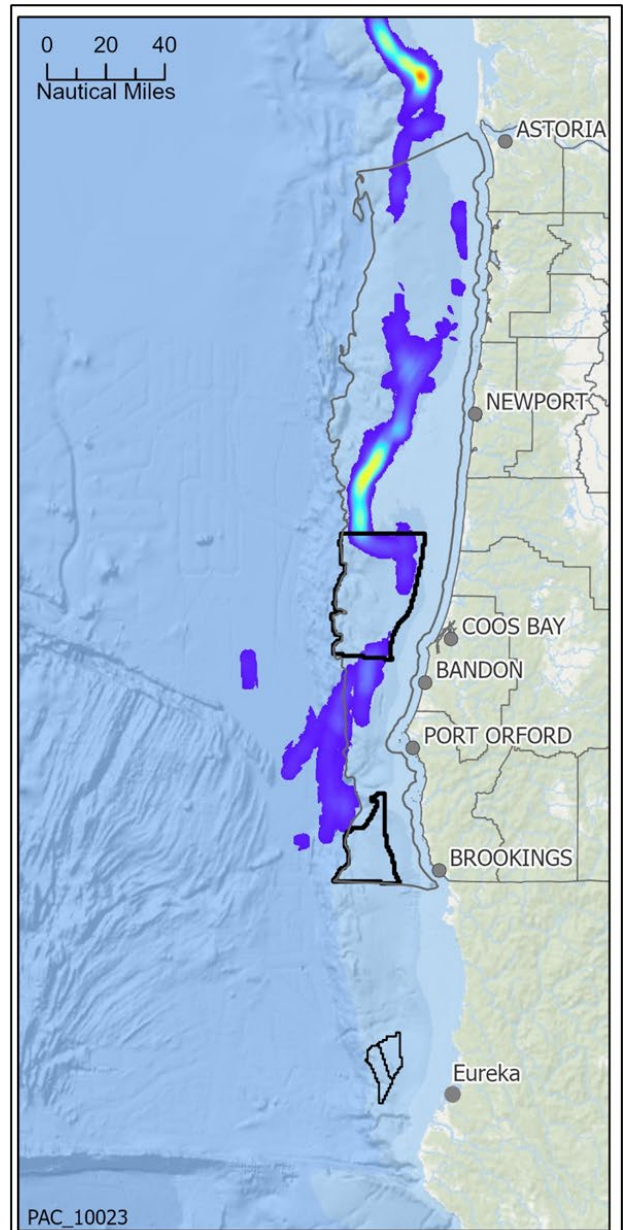
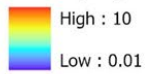


Oregon Call Areas
 Humboldt Proposed Lease Areas

FRAM

Shoreside Midwater Trawl for Hake 2011-2015

Effort (km/km²/yr)

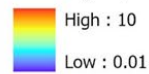


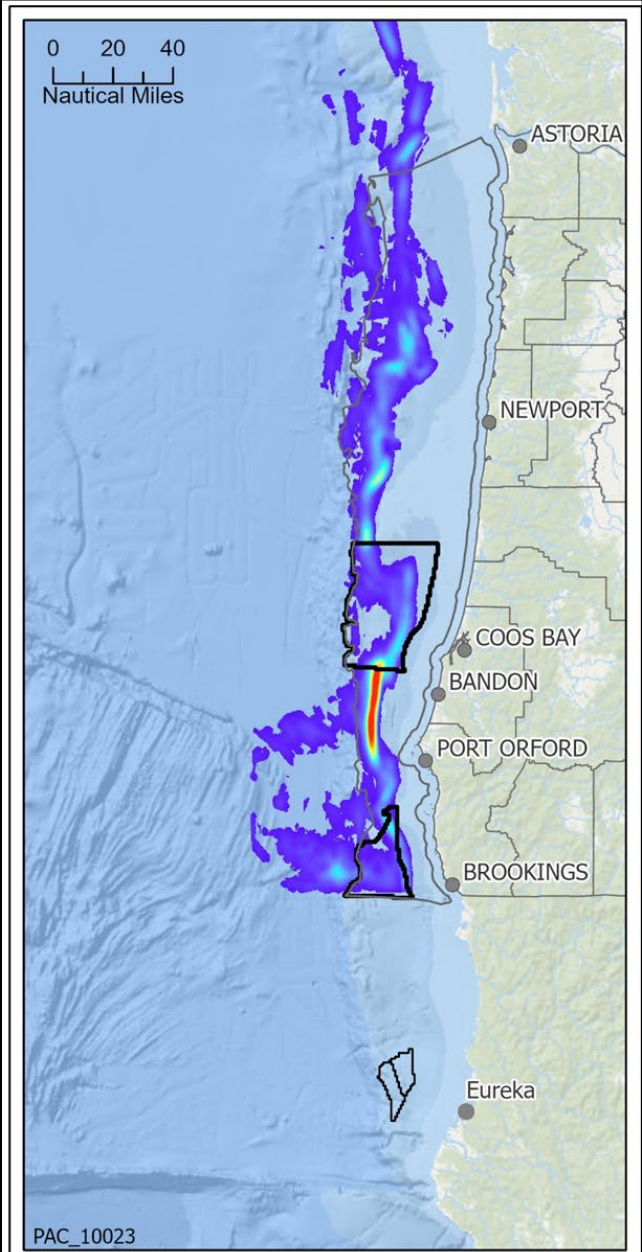
Oregon Call Areas
 Humboldt Proposed Lease Areas

FRAM

Shoreside Midwater Trawl for Hake 2016-2017

Effort (km/km²/yr)



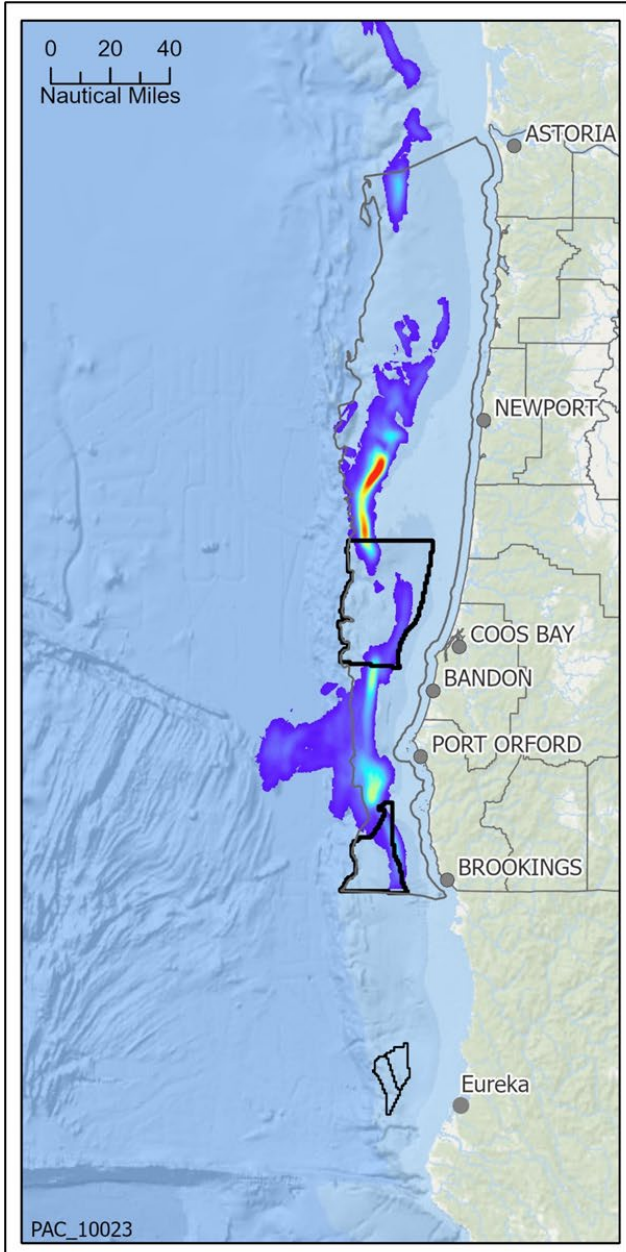


Oregon Call Areas
 Humboldt Proposed Lease Areas

FRAM

At-Sea Midwater Trawl Catcher Processor 2011 2015

Value



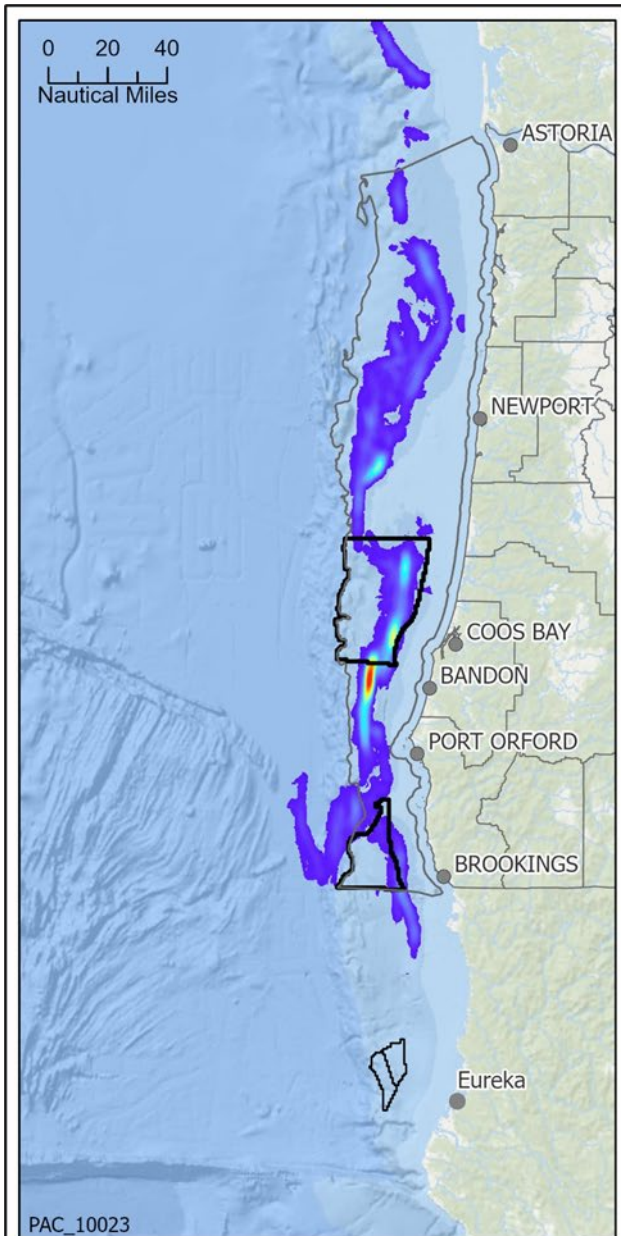
Oregon Call Areas
 Humboldt Proposed Lease Areas

FRAM

At-Sea Midwater Trawl Catcher Processor 2016 2017

Value



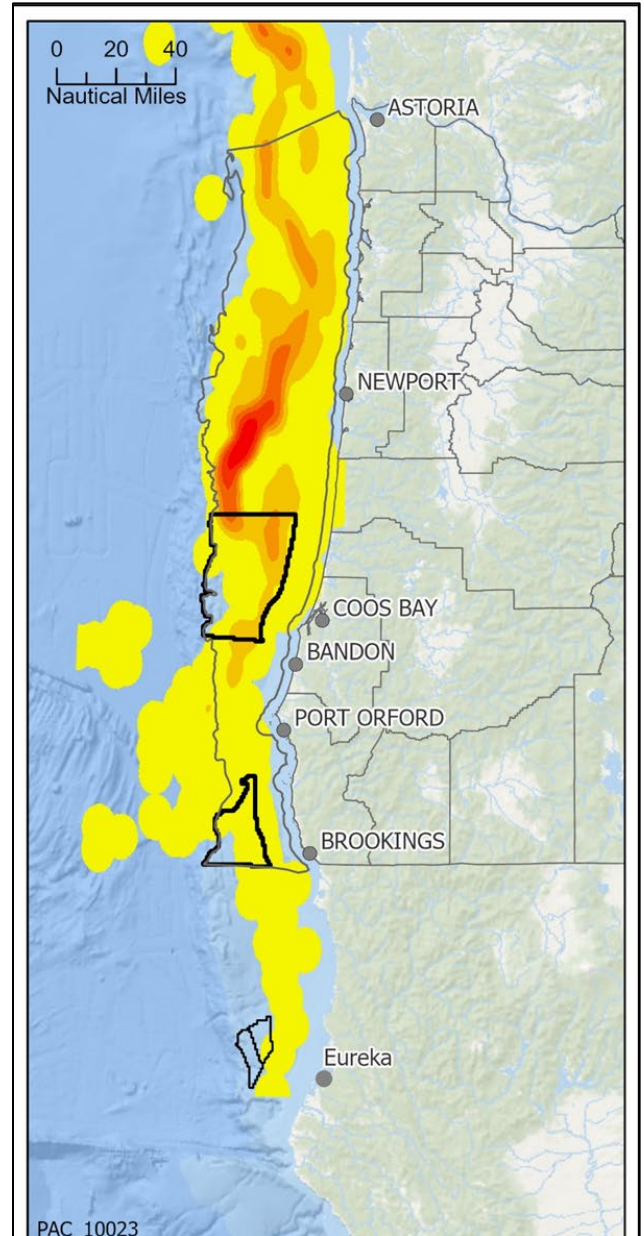
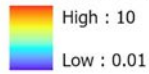


- Oregon Call Areas
- Humboldt Proposed Lease Areas

FRAM

At-Sea Midwater Trawl Mothership 2011-2015

Effort (km/km²/yr)

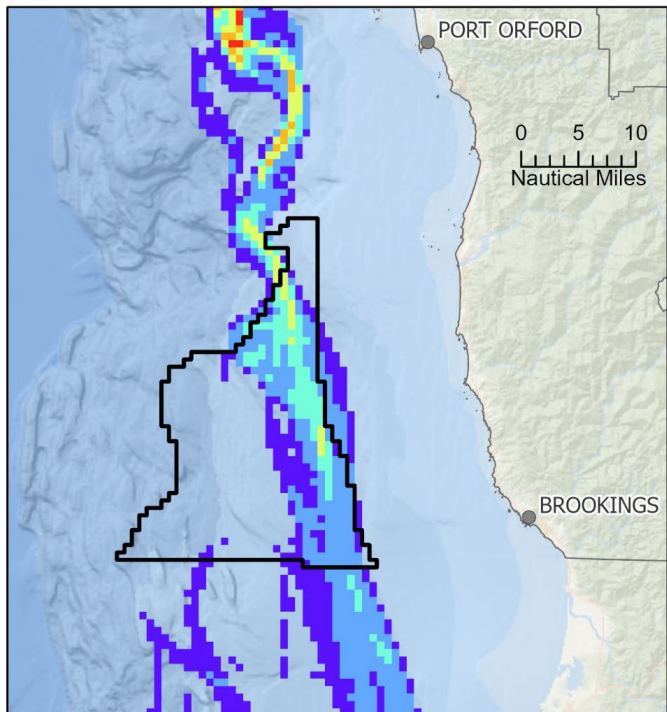
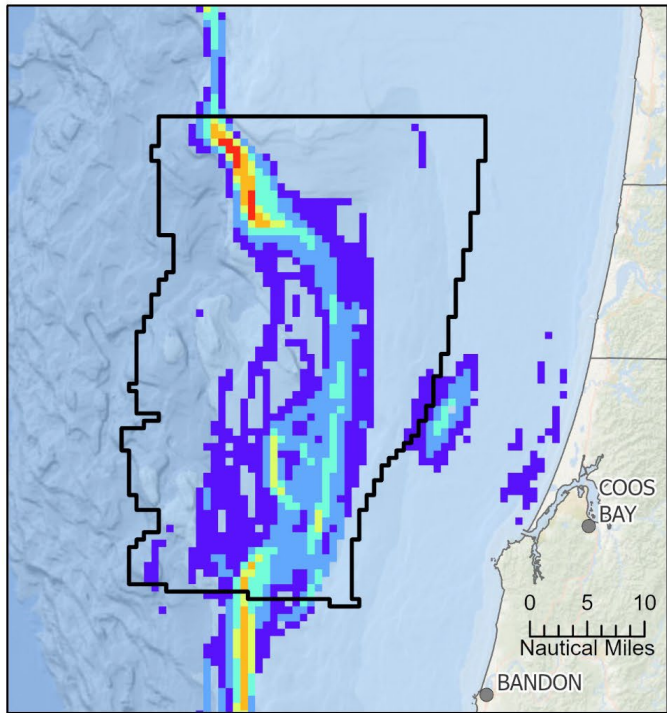
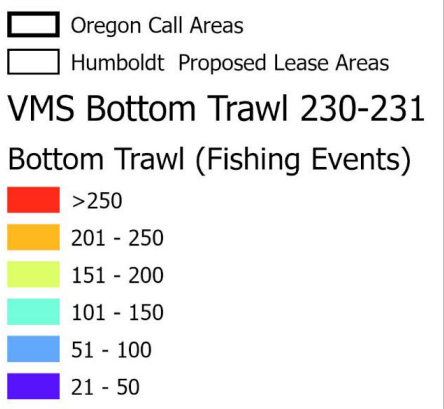
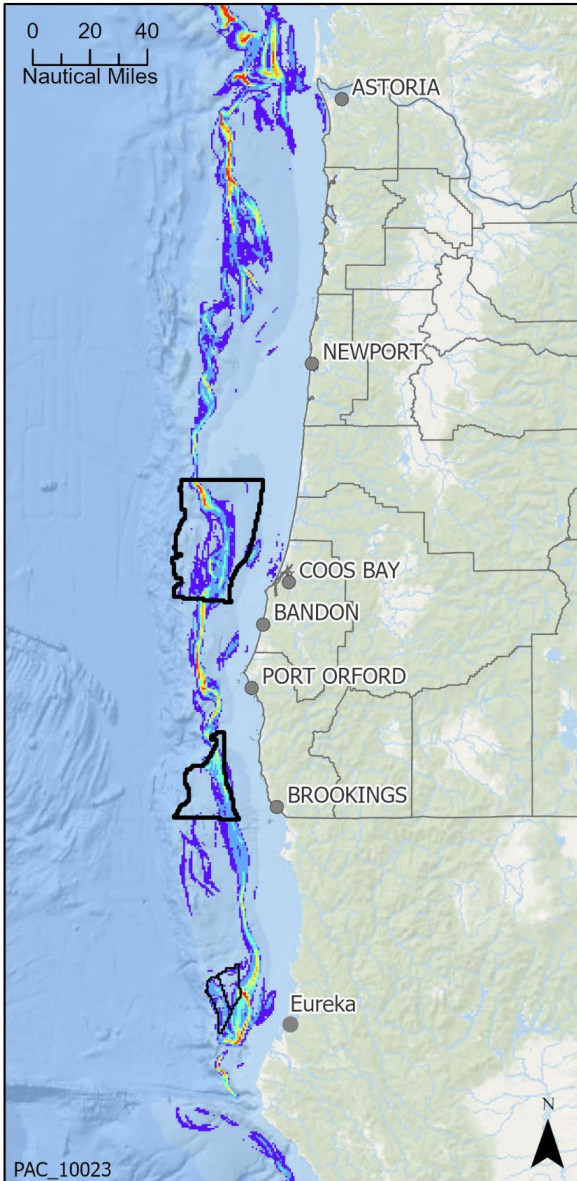


- Oregon Call Areas
- Humboldt Proposed Lease Areas

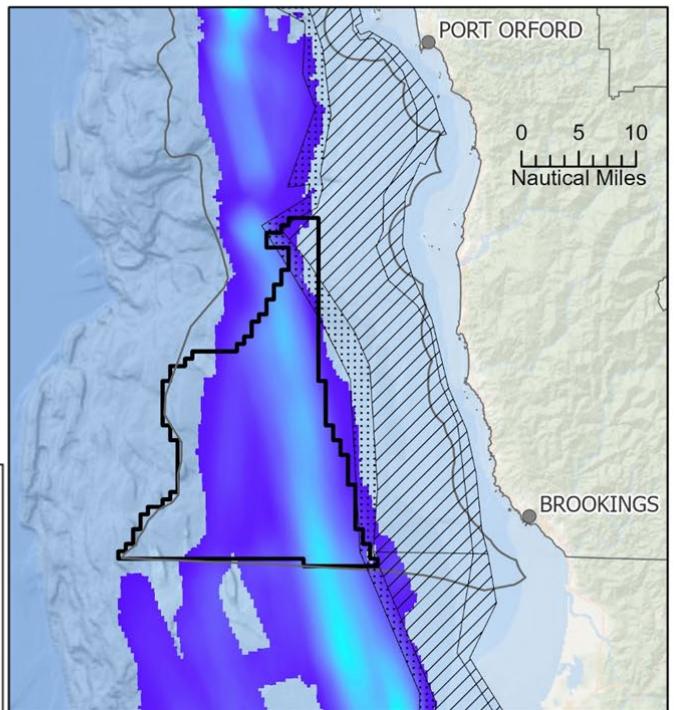
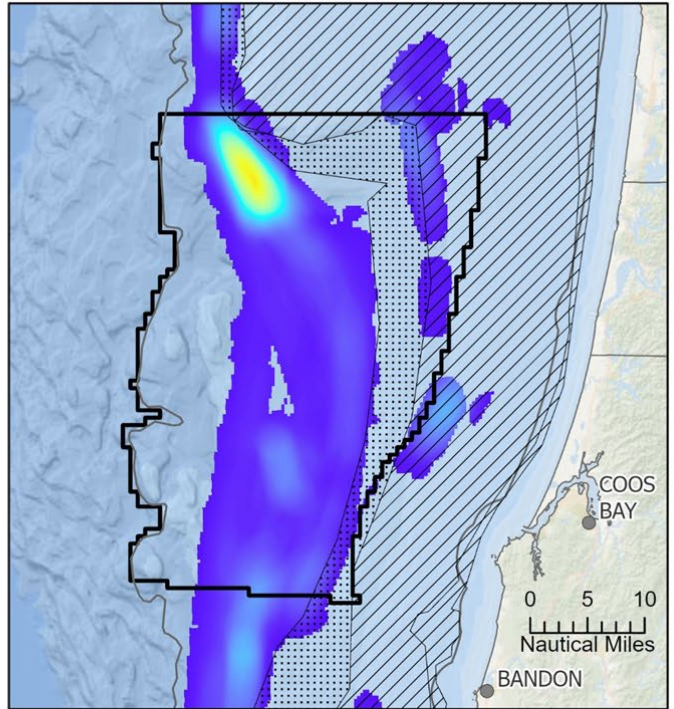
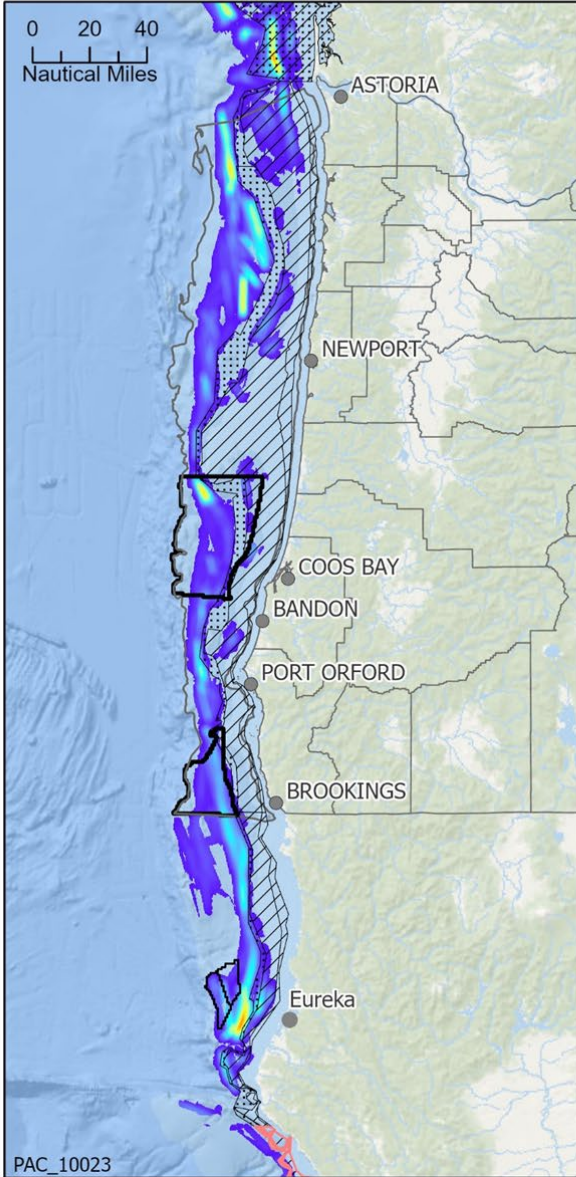
ODFW Fishing

MidWater Whiting 2011-2019





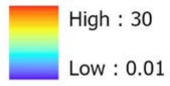
Based on NOAA Office of Law Enforcement (OLE)
 Vessel Monitoring System (VMS) data 2010-2017.
 Map Date: 06/09/2022



- Oregon Call Areas
- Humboldt Proposed Lease Areas
- RCA Non-Trawl Groundfish
- RCA Trawl Groundfish
- RCA Trawl Non-Groundfish

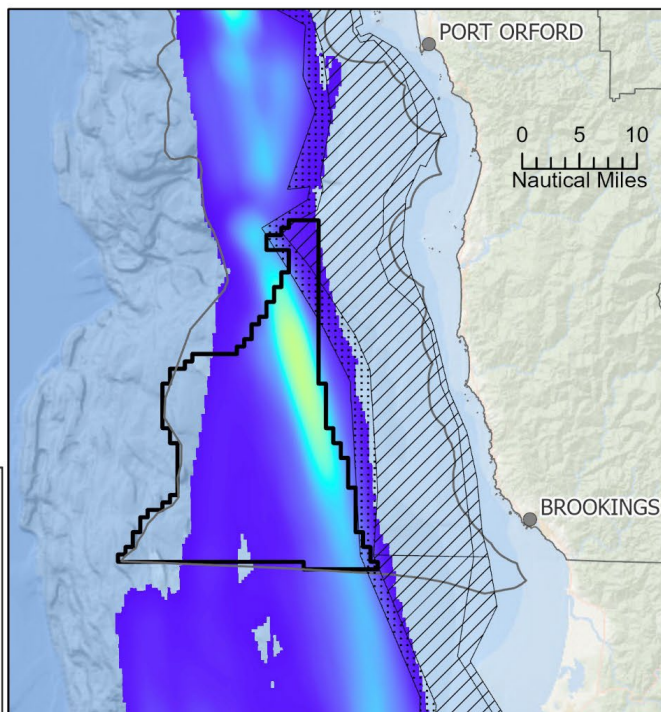
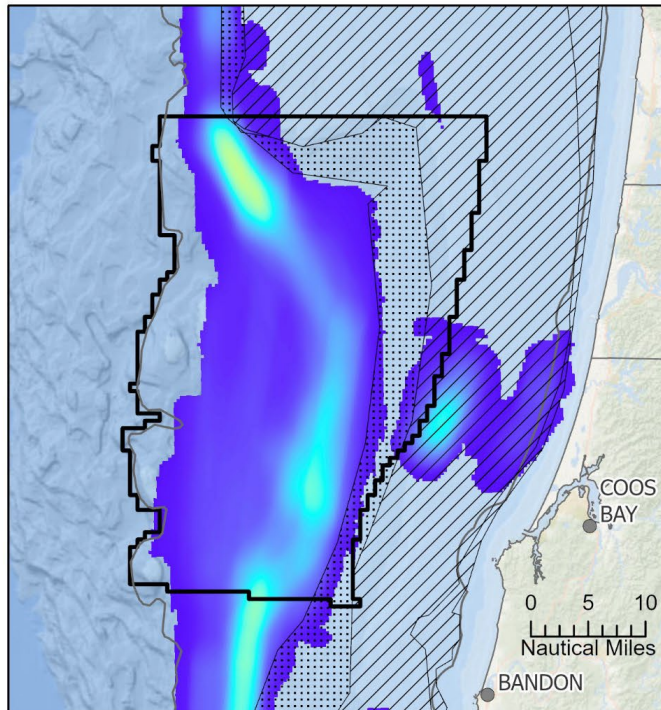
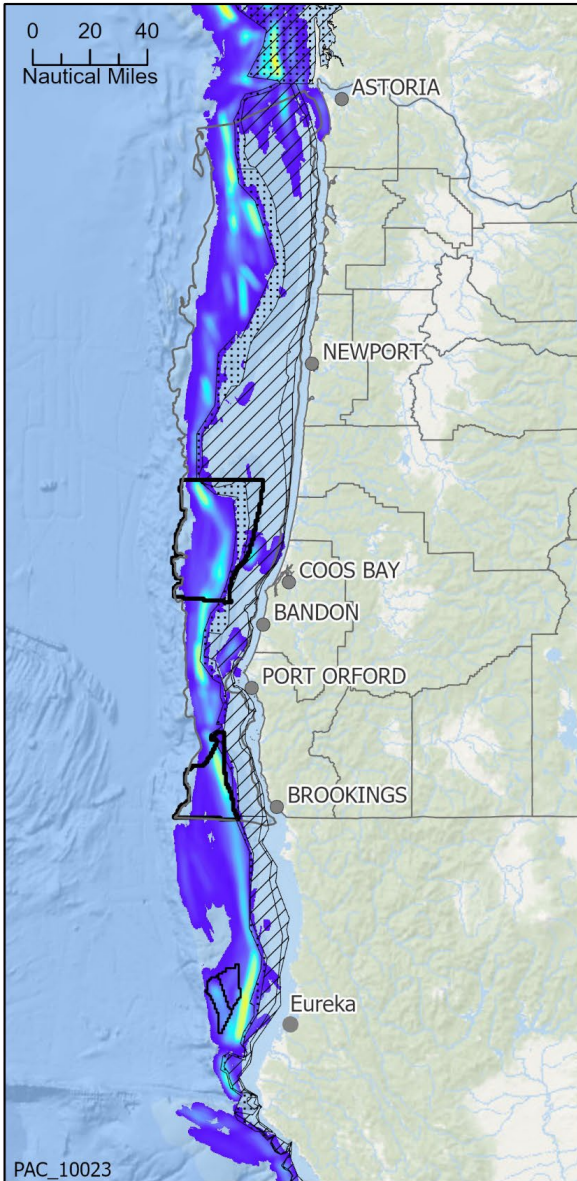
Catch Shares Bottom Trawl 2016-2017

Effort (km/km²/yr) **FRAM**



NOAA Fisheries Resource Analysis and Monitoring Division
Fishing Effort 2002-2017 Pacific Coast Groundfish Fisheries

Map Date: 06/09/2022



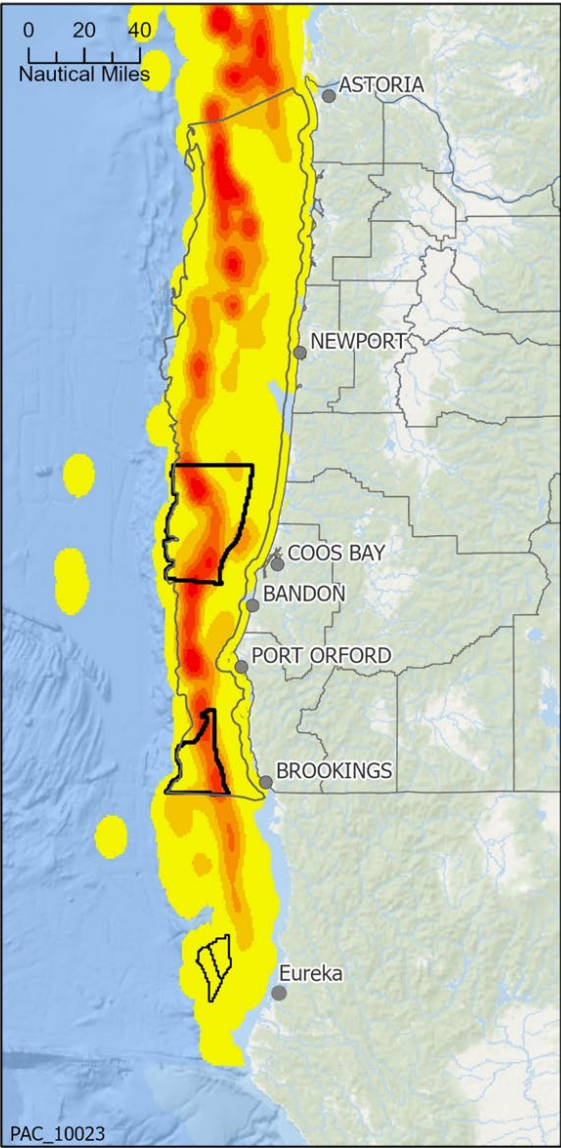
Oregon Call Areas
 Humboldt Proposed Lease Areas
 RCA Non-Trawl Groundfish
 RCA Trawl Groundfish

Catch Shares Bottom Trawl 2011-2015
Effort (km/km²/yr) FRAM

High : 30
 Low : 0.01

Based on NOAA Office of Law Enforcement (OLE) Vessel Monitoring System (VMS) data 2010-2017.

Map Date: 06/09/2022



 Oregon Call Areas

 Humboldt Proposed Lease Areas

ODFW Bottom Trawl

Bottom Trawl 2011-2019 Hours Fished

 Low

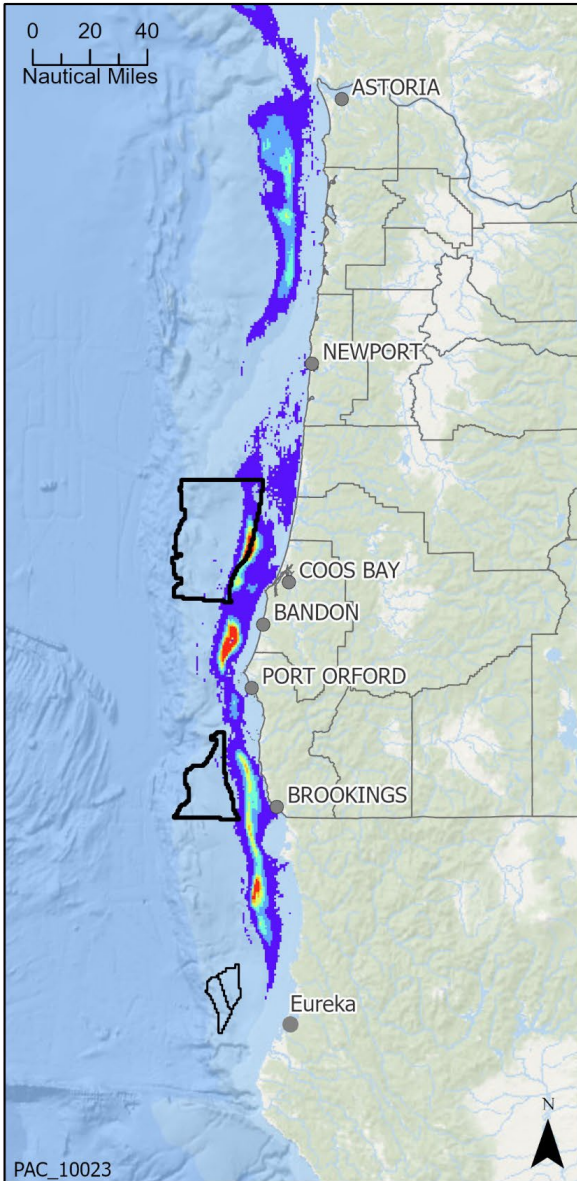




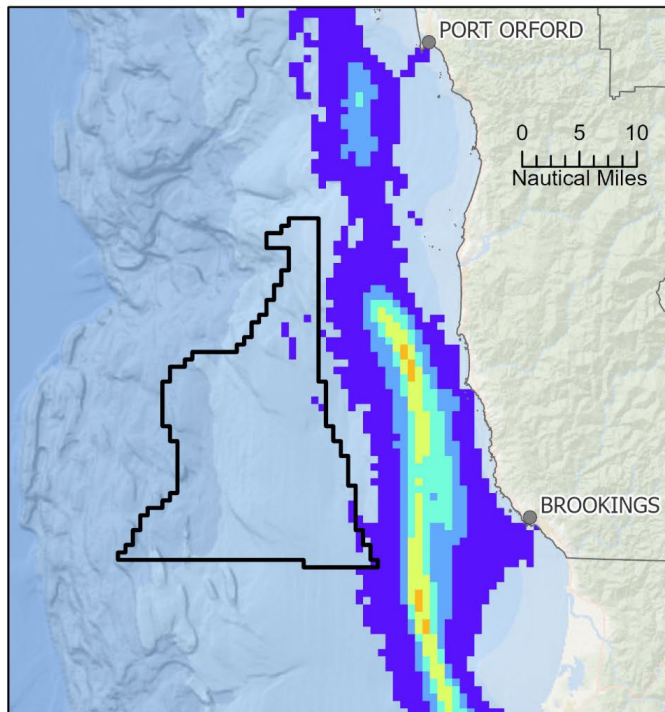
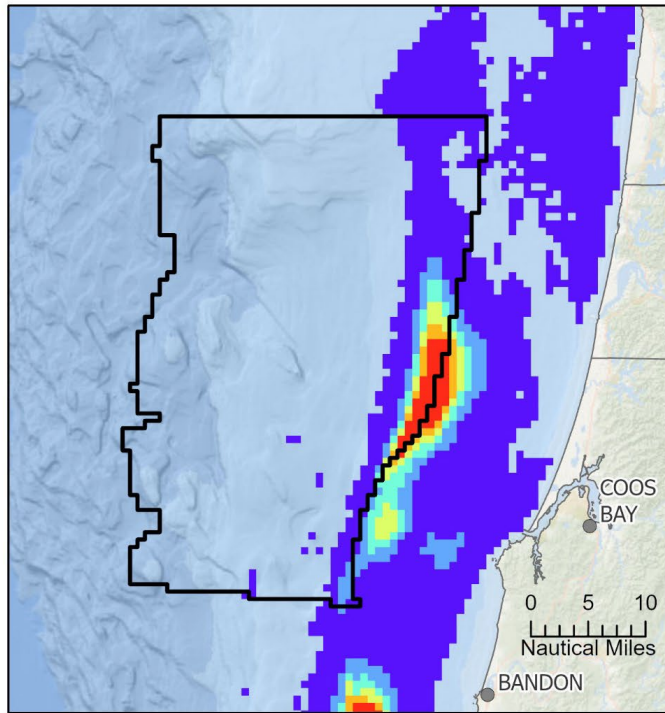




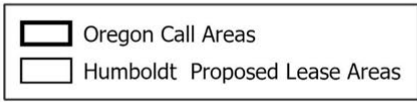
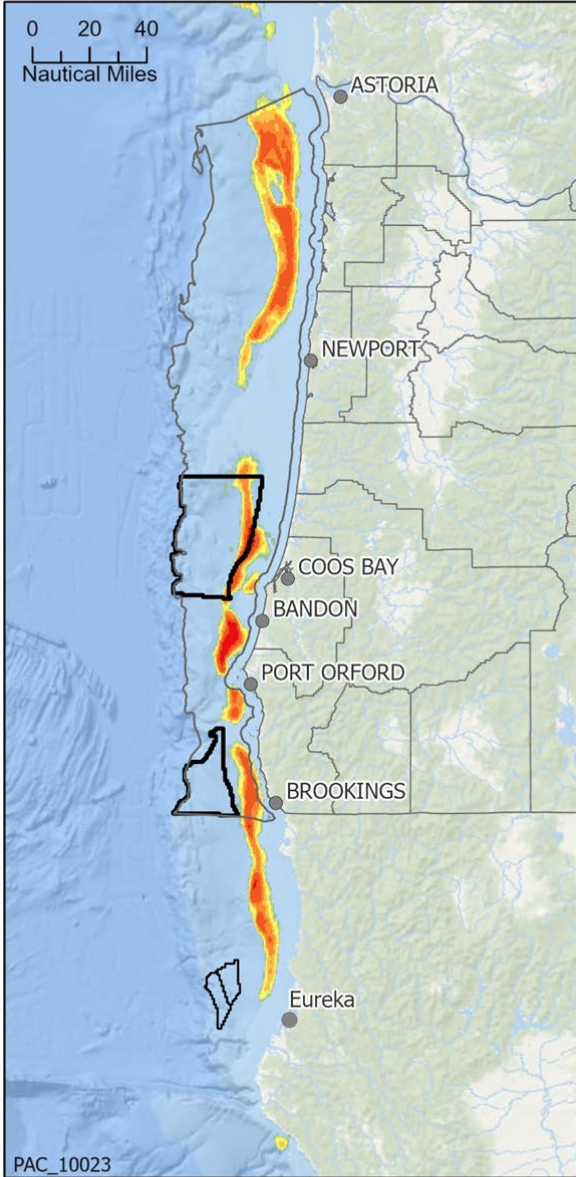
 High



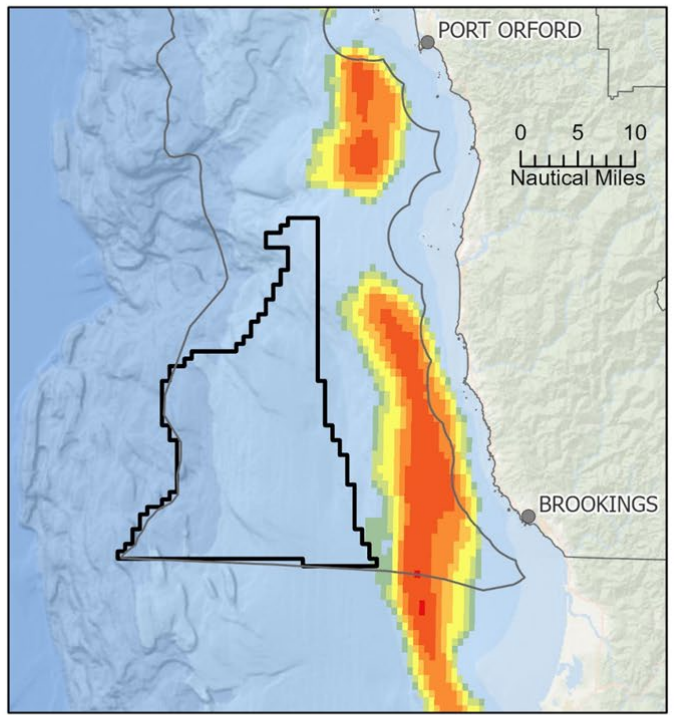
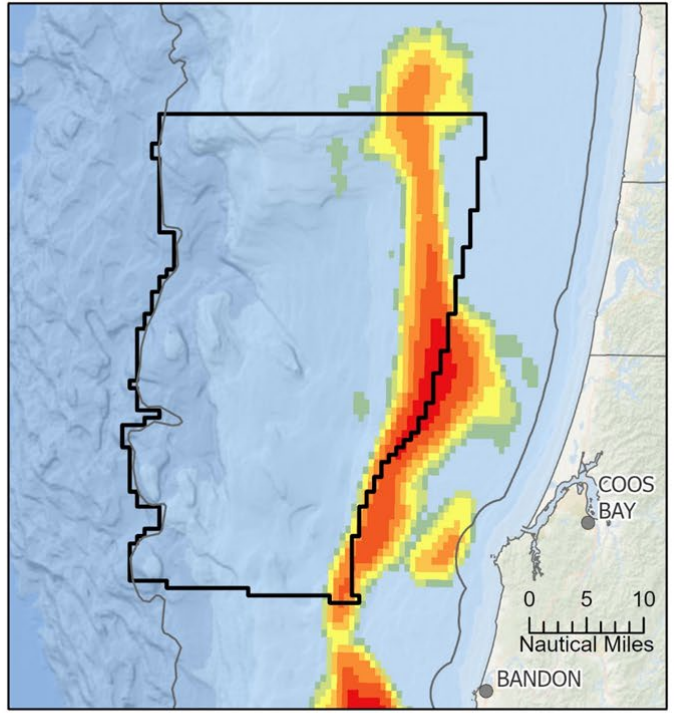
PAC_10023



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Vessel Monitoring System (VMS) data 2010-2017.
Map Date: 06/09/2022

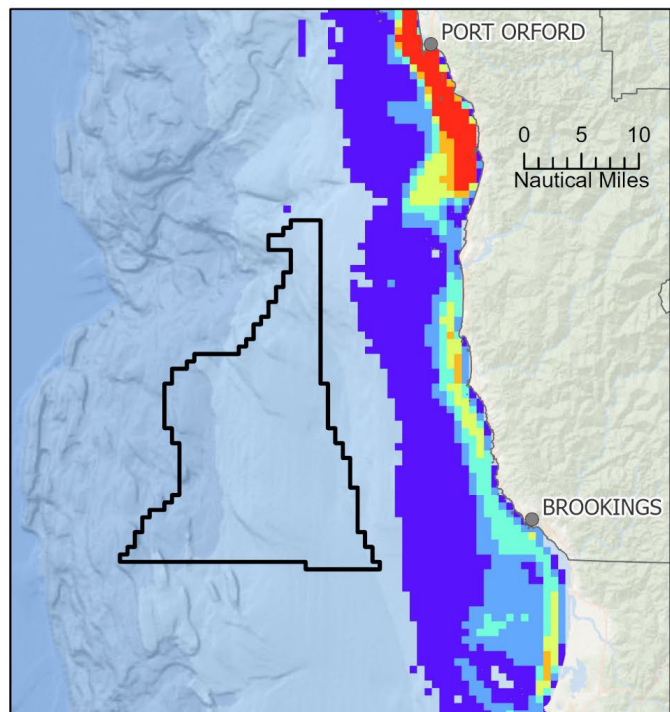
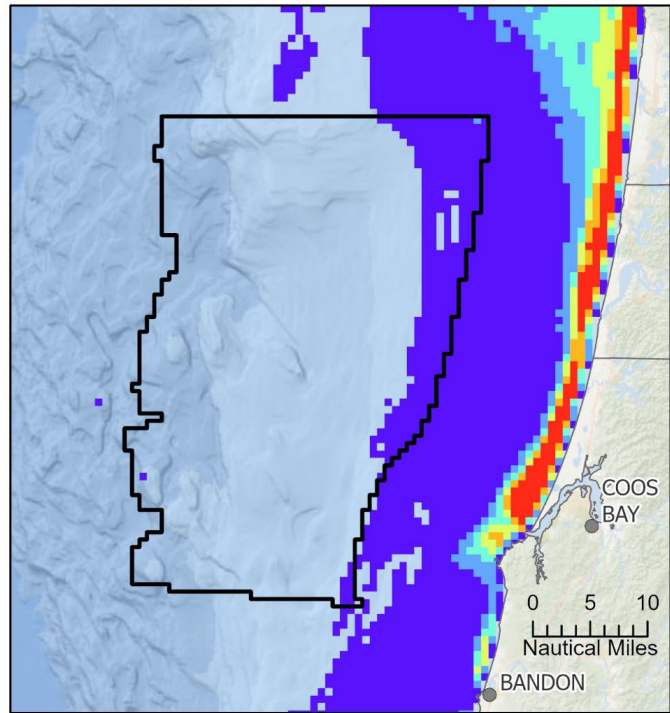
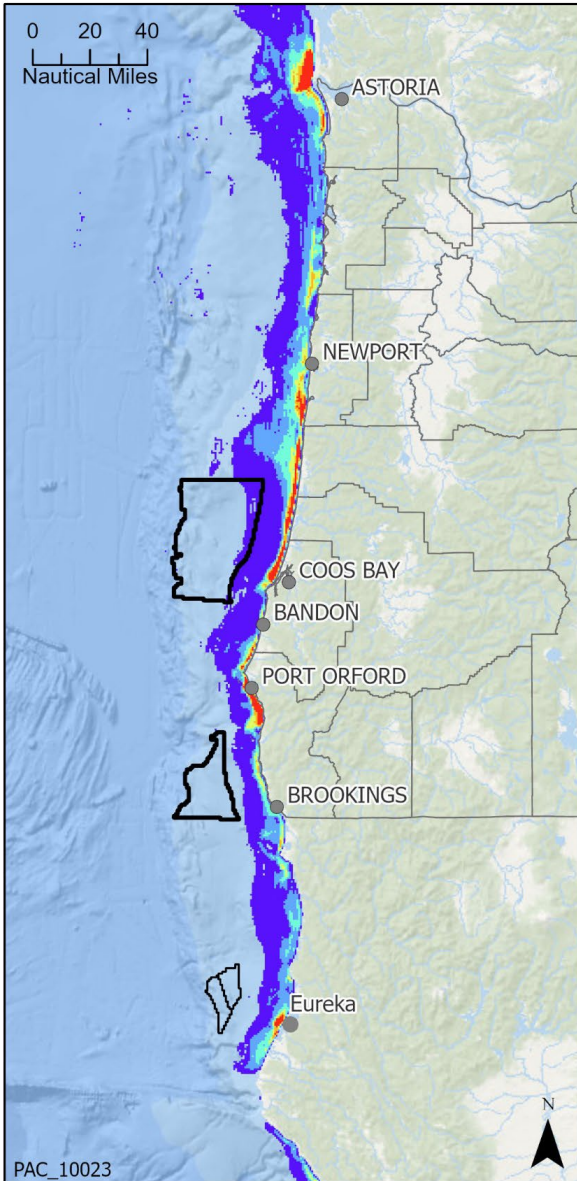


Pink Shrimp Trawl Fishing Effort 1995 - 2020
(ODFW)



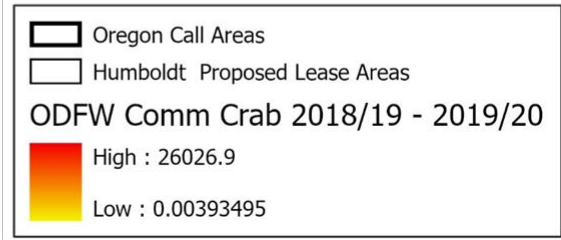
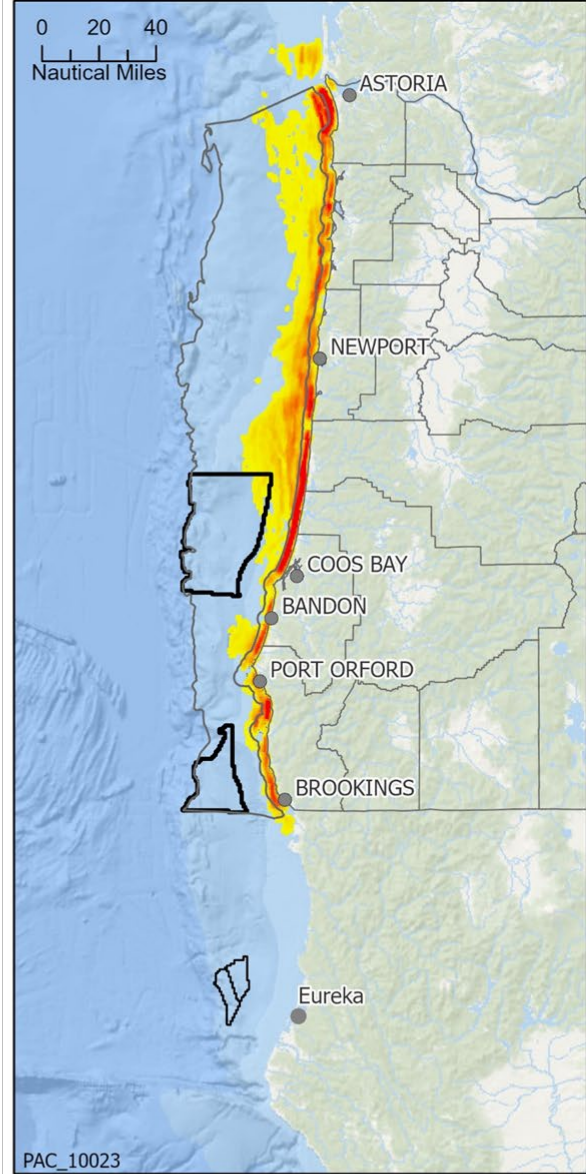
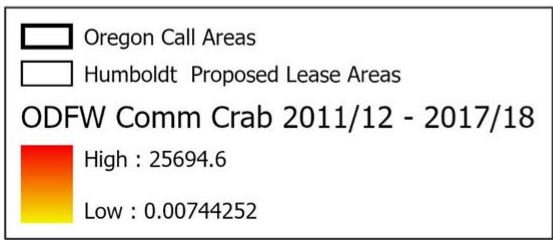
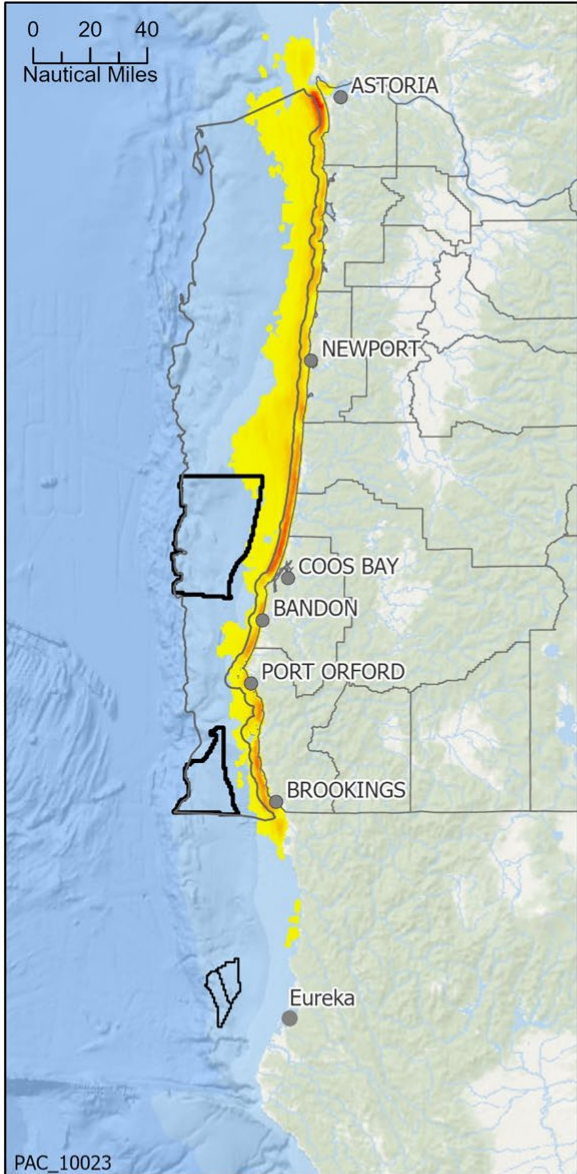
Oregon Department of Fish and Wildlife
Logbook data kernel density analysis

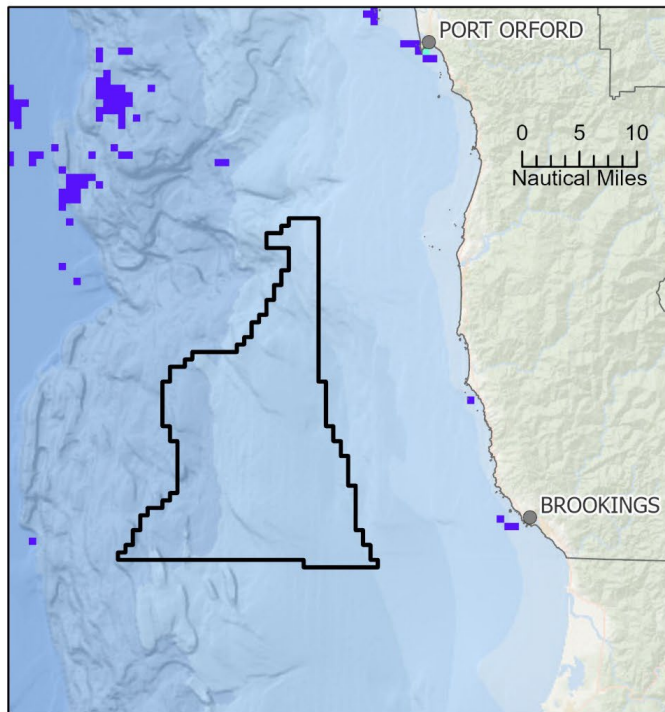
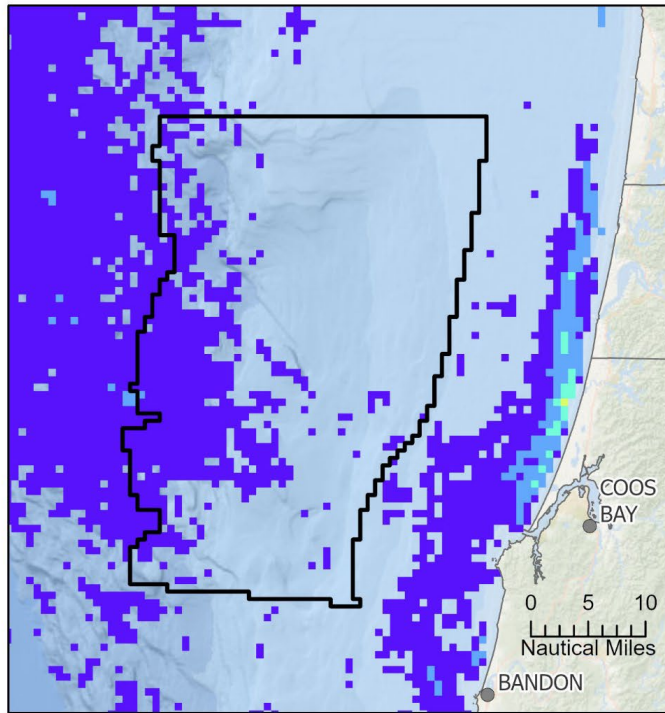
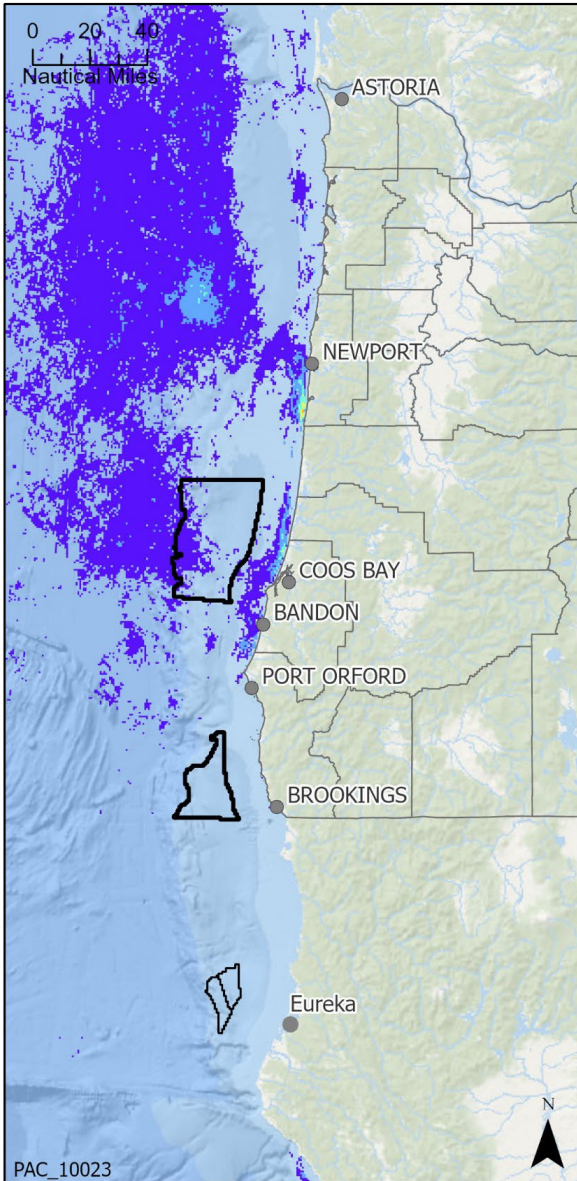
Map Date: 06/09/2022



Oregon Call Areas
 Humboldt Proposed Lease Areas
VMS Annual Ave 2010-2017
Dungeness Crab 261
Fishing Effort
 > 50 Events/Year
 40-50
 30-40
 20-30
 10-20
 1-10

Based on NOAA Office of Law Enforcement (OLE) Vessel Monitoring System (VMS) data 2010-2017.
Map Date: 06/09/2022





- Oregon Call Areas
- Humboldt Proposed Lease Areas

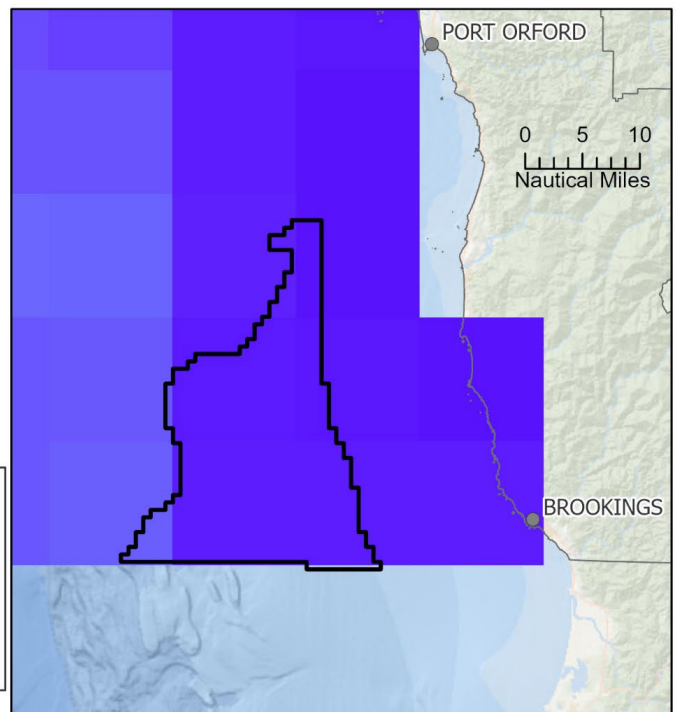
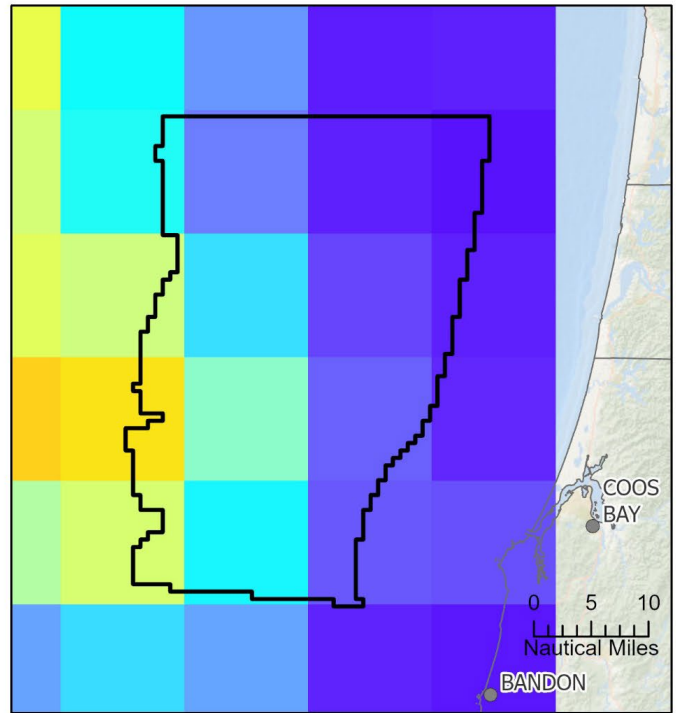
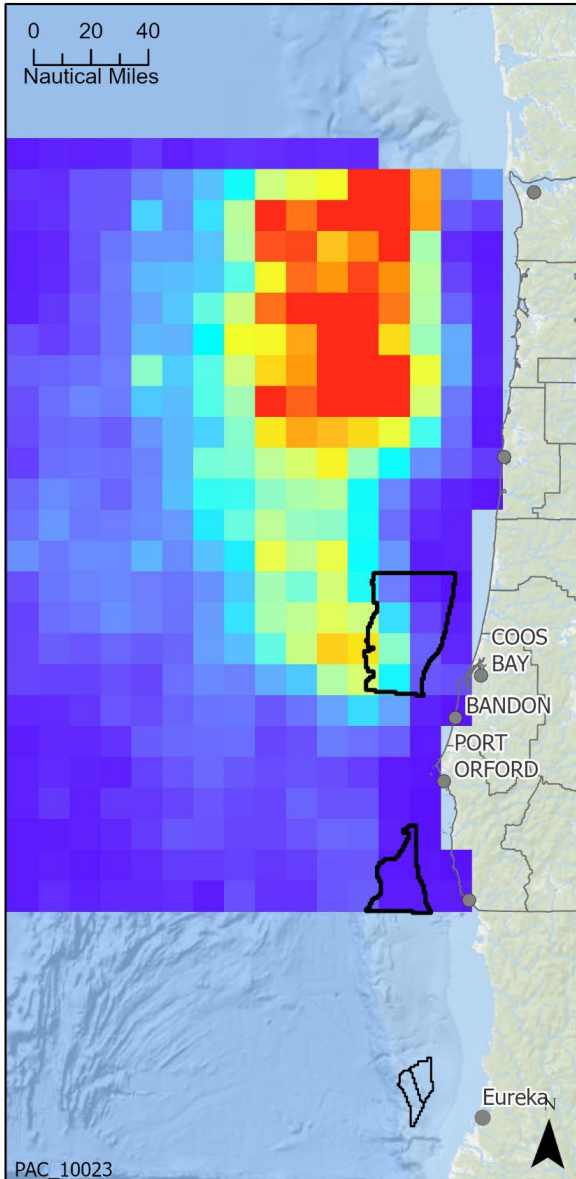
VMS Highly Migratory Species 266

Highly Migratory Species

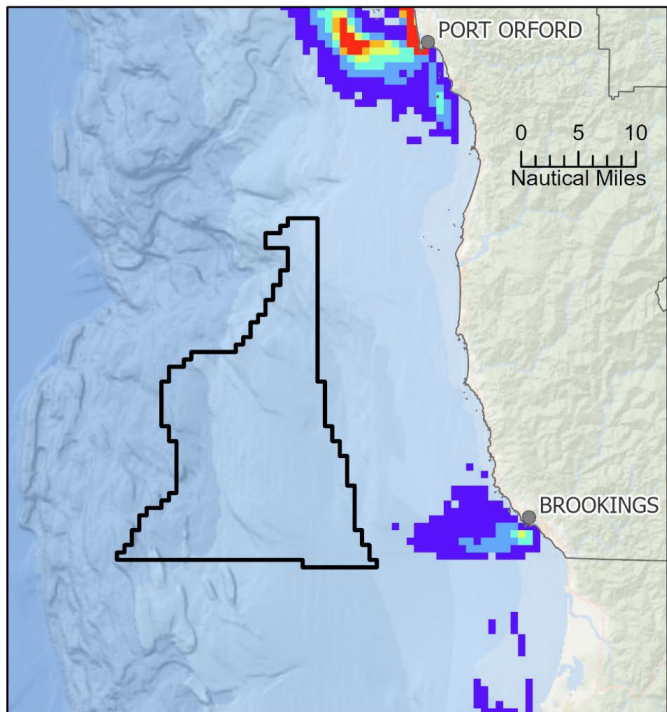
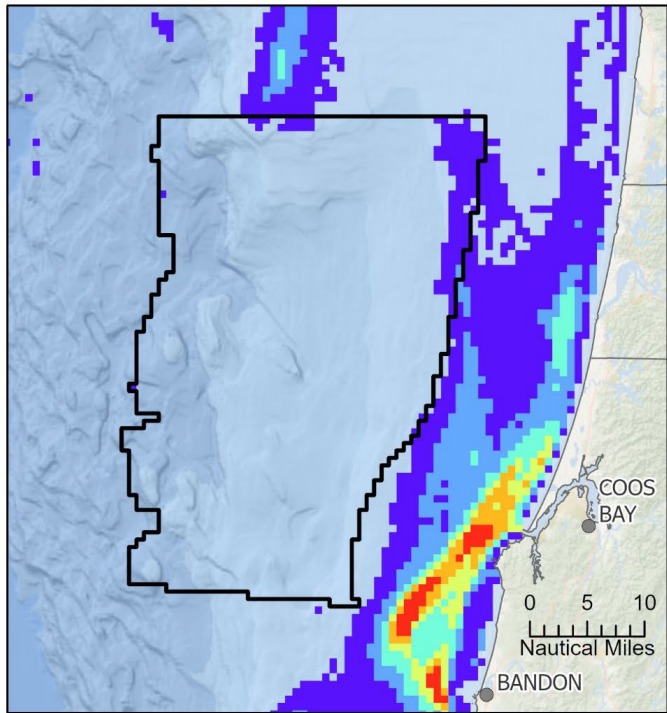
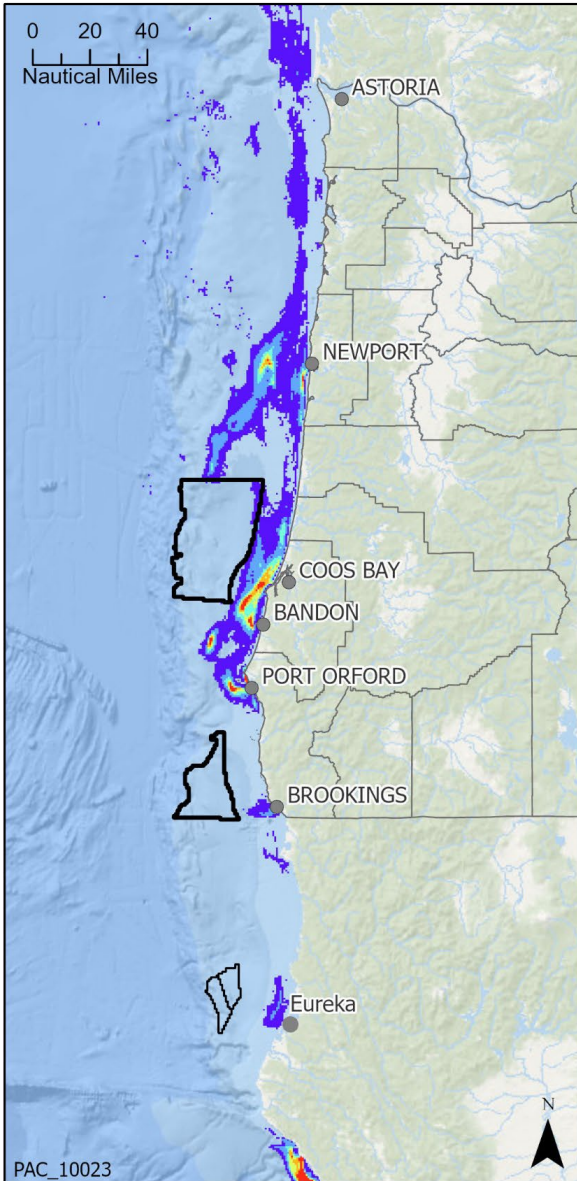
- >100
- 81 - 100
- 61 - 80
- 41 - 60
- 21 - 40
- 10 - 20

Based on NOAA Office of Law Enforcement (OLE)
Vessel Monitoring System (VMS) data 2010-2017.

Map Date: 06/09/2022



Oregon Department of Fish and Wildlife
Logbook data kernel density analysis
Map Date: 06/09/2022



Oregon Call Areas
 Humboldt Proposed Lease Areas

VMS Salmon Troll 261

Fishing Effort

- >25 Events/Year
- 20-25
- 15-20
- 10-15
- 5-10
- 1-5

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OROWindMap Data Catalog

Human Use Data Resources: Fishing

NMFS: <https://offshorewind.westcoastoceans.org/orowindmap-data-catalog/fishing-northwest-fisheries-science-center-nwfsc-fram-database/>

ODFW: <https://offshorewind.westcoastoceans.org/orowindmap-data-catalog/fishing-oregon-department-of-fish-and-wildlife-odfw/>

BOEM VMS: <https://offshorewind.westcoastoceans.org/orowindmap-data-catalog/fishing-boem-vessel-monitoring-system-vms-analysis/>

Ecotrust: <https://offshorewind.westcoastoceans.org/orowindmap-data-catalog/fishing-ecotrust-uses-and-values-project/>

Marine Cadastre:

<https://offshorewind.westcoastoceans.org/orowindmap-data-catalog/fishing-marine-cadastre/>

Biological Data Resources

Fish: <https://offshorewind.westcoastoceans.org/orowindmap-data-catalog/marine-fish/>