



New Marine Zones for Alaska

To be implemented March 8, 2023

Key Points:

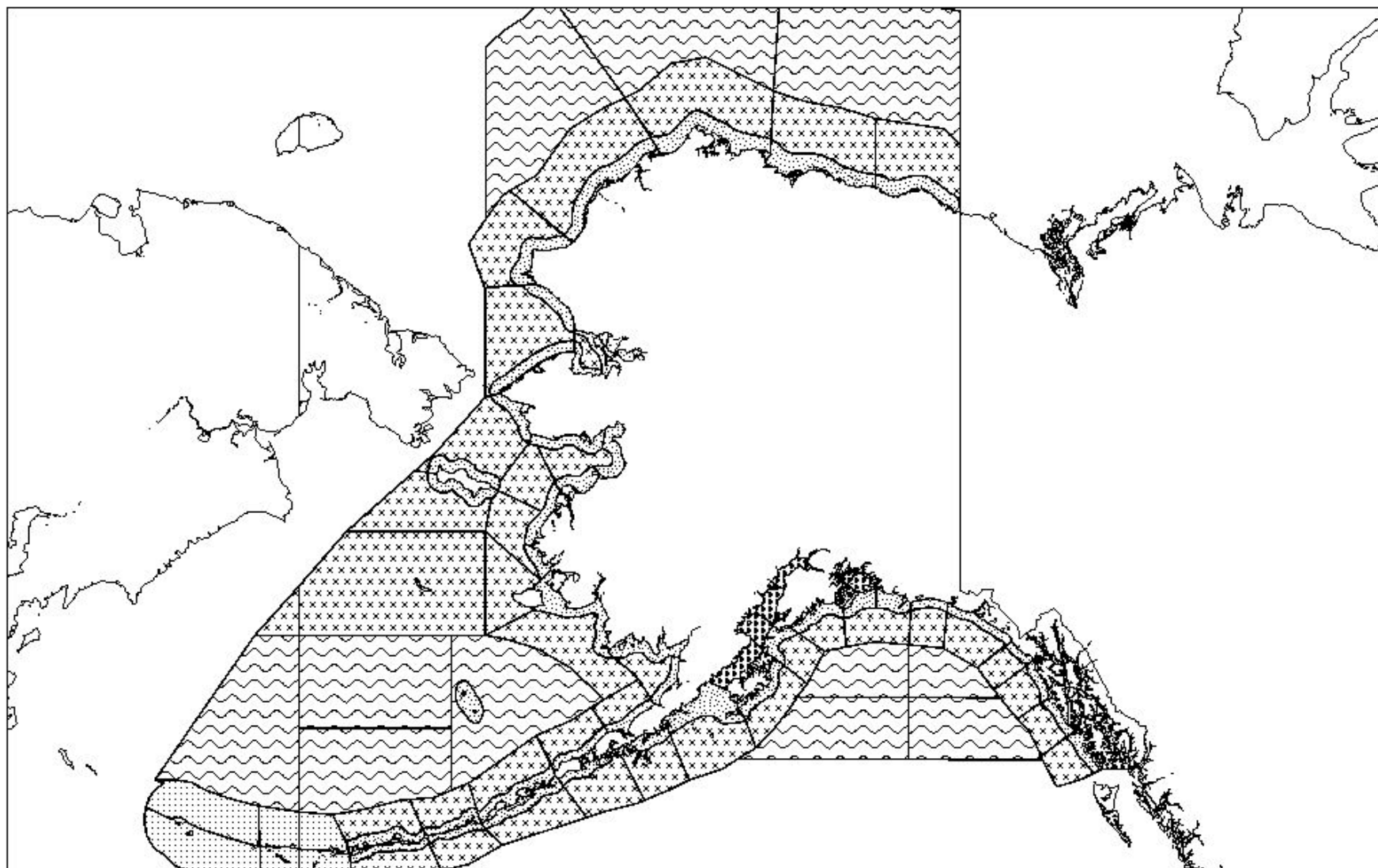
- In an effort to provide more specific marine weather information to our partners and the public, the National Weather Service Forecast Offices in Alaska have realigned Alaska's marine forecast zones.
- The planned changes will result in more geographically-representative forecasts, advisory, watch, and warning products.
- A 'nearshore' forecast zone will cover from the coastline out to 15 NM. A 'coastal' forecast zone will then exist from 15 NM out up to 100 NM.
- Other changes have been made to forecast zones in the eastern Gulf of Alaska, Prince William Sound, Aleutians, and Bering Sea.
- Due to all of these changes, most marine forecast zone names and numbers in Alaska will change.
- The outer boundaries of the coastal marine forecast zones previously denoted as out to 100 NM will not change. However, with the use of improved technology we are able to more accurately reflect the distance of these boundaries from the Alaska coastline. Each of these zone names will now include a more precise description of how far out they extend from the coastline.
- This change is part of a comprehensive plan to provide increased flexibility and improved accuracy of forecast, watch, warning, and advisory products in Alaska.

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Alaska Marine Forecast Zones (as of March 2023)



1/3/2023

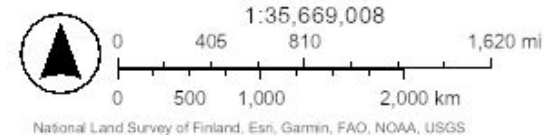
Alaska Near Shore Zones From 0 To 15 NM

Alaska Coastal Waters From 15 To Approximately 80 NM

Alaska Inside Waters

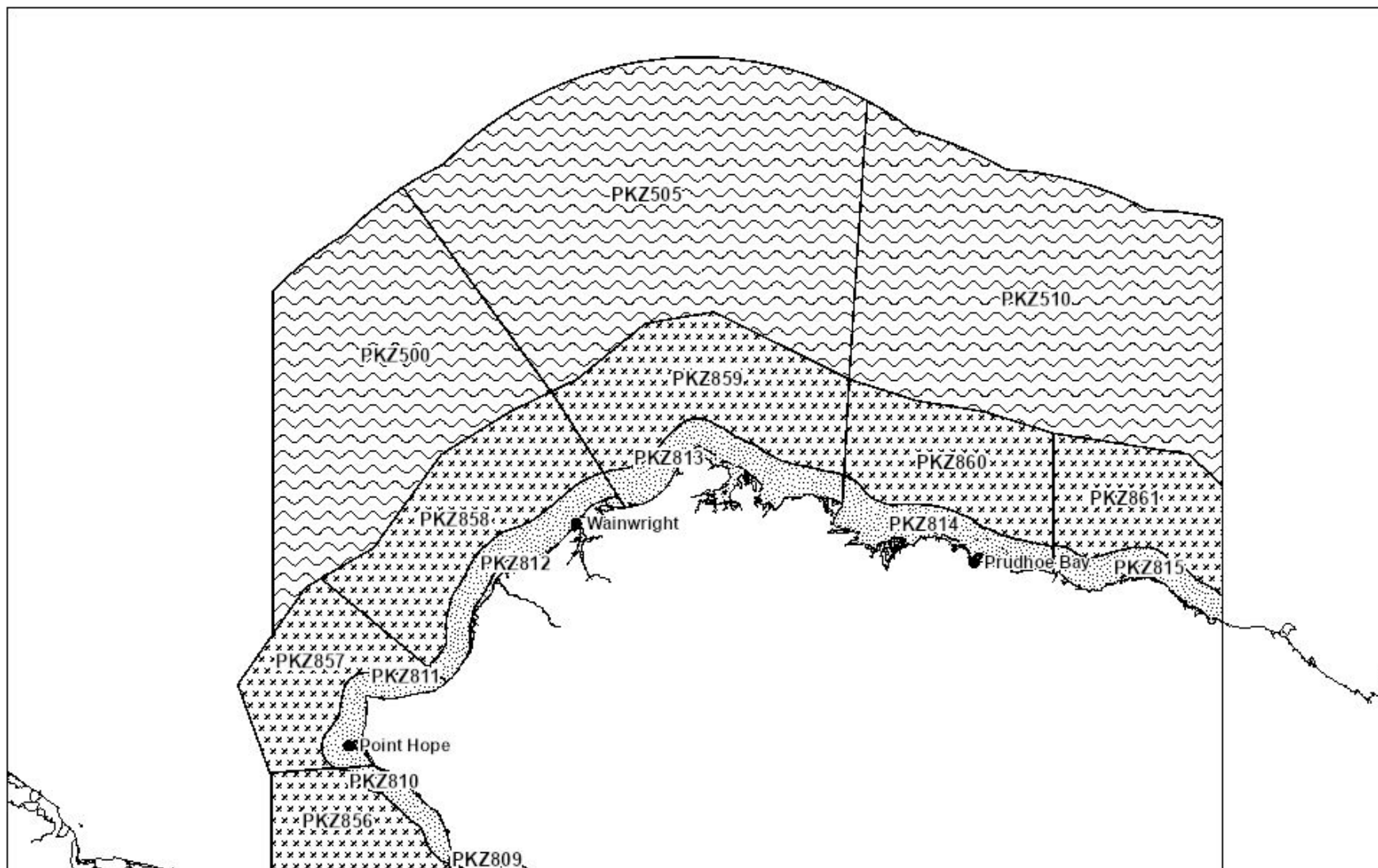
Alaska Offshore Zones

Western Aleutian Zones



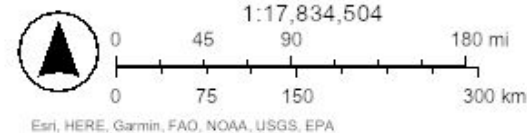


Beaufort Sea



1/3/2023

-  Alaska Near Shore Zones From 0 To 15 NM
-  Alaska Coastal Waters From 15 To Approximately 80 NM
-  Alaska Offshore Zones





Alaska Marine Zone Numbers and Names (as of March 2023)

Offshore Marine Forecast Zones

Arctic Waters

PKZ500: Western US Arctic

PKZ510: Eastern US Arctic

PKZ505: Central US Arctic

Arctic Coastal Waters

PKZ811: Cape Thompson to Cape Beaufort out to 15 NM

PKZ810: Cape Krusenstern to Cape Thompson out to 15 NM

PKZ857: Cape Thompson to Cape Beaufort from 15 to 85 NM

PKZ856: Wales to Cape Thompson greater than 15 NM

PKZ813: Point Franklin to Cape Halkett out to 15 NM

PKZ812: Cape Beaufort to Point Franklin out to 15 NM

PKZ859: Point Franklin to Cape Halkett from 15 to 75 NM

PKZ858: Cape Beaufort to Point Franklin from 15 to 85 NM

PKZ815: Flaxman Island to Demarcation Point out to 15 NM

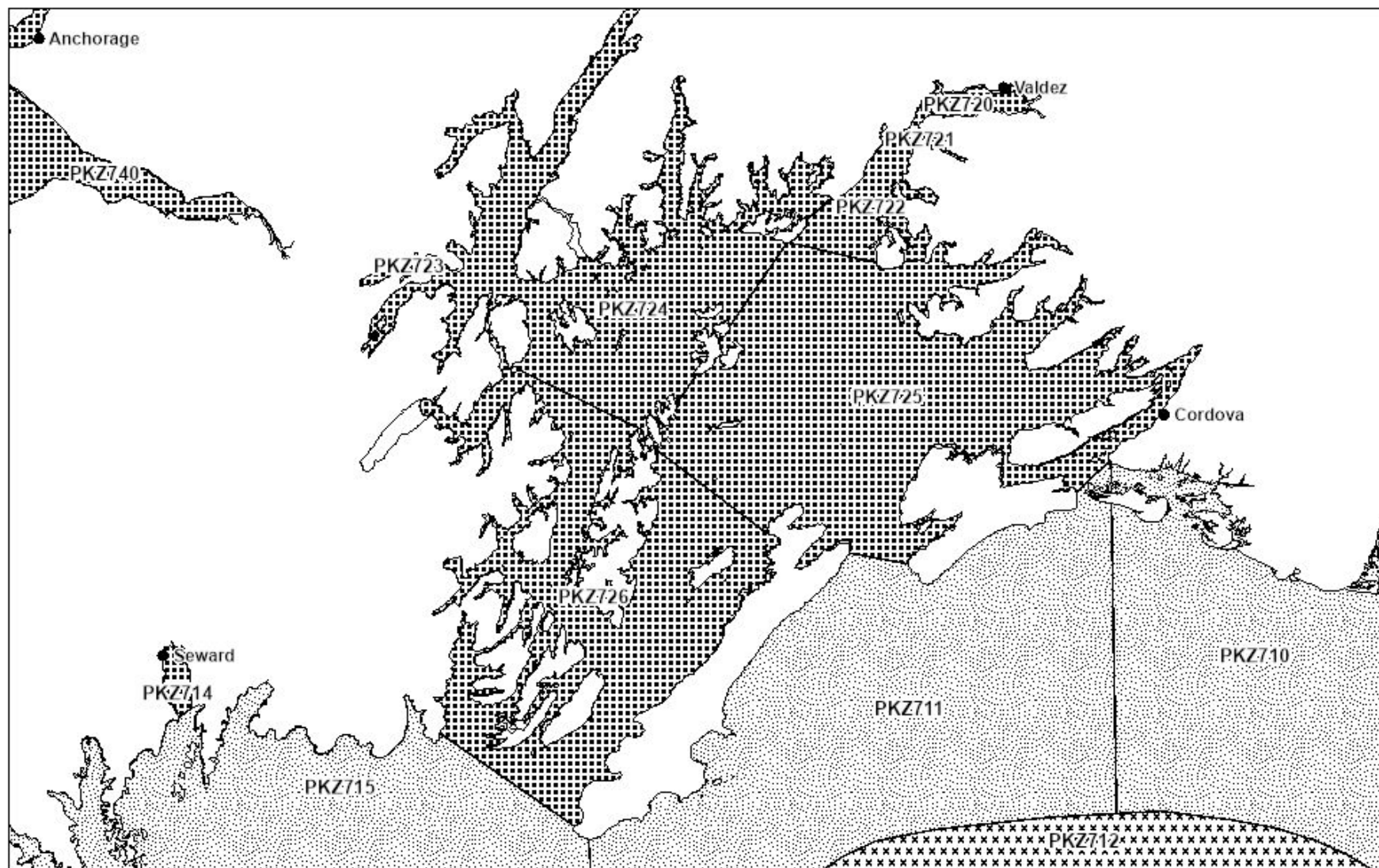
PKZ814: Cape Halkett to Flaxman Island out to 15 NM

PKZ861: Flaxman Island to Demarcation Point from 15 to 75 NM

PKZ860: Cape Halkett to Flaxman Island from 15 to 80 NM

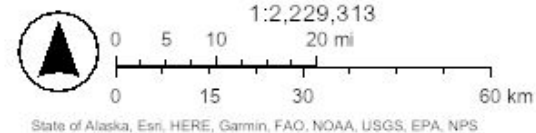


Prince William Sound



1/3/2023

-  Alaska Inside Waters
-  Alaska Coastal Waters From 15 To Approximately 80 NM
-  Alaska Near Shore Zones From 0 To 15 NM





Alaska Marine Zone Numbers and Names (as of March 2023)

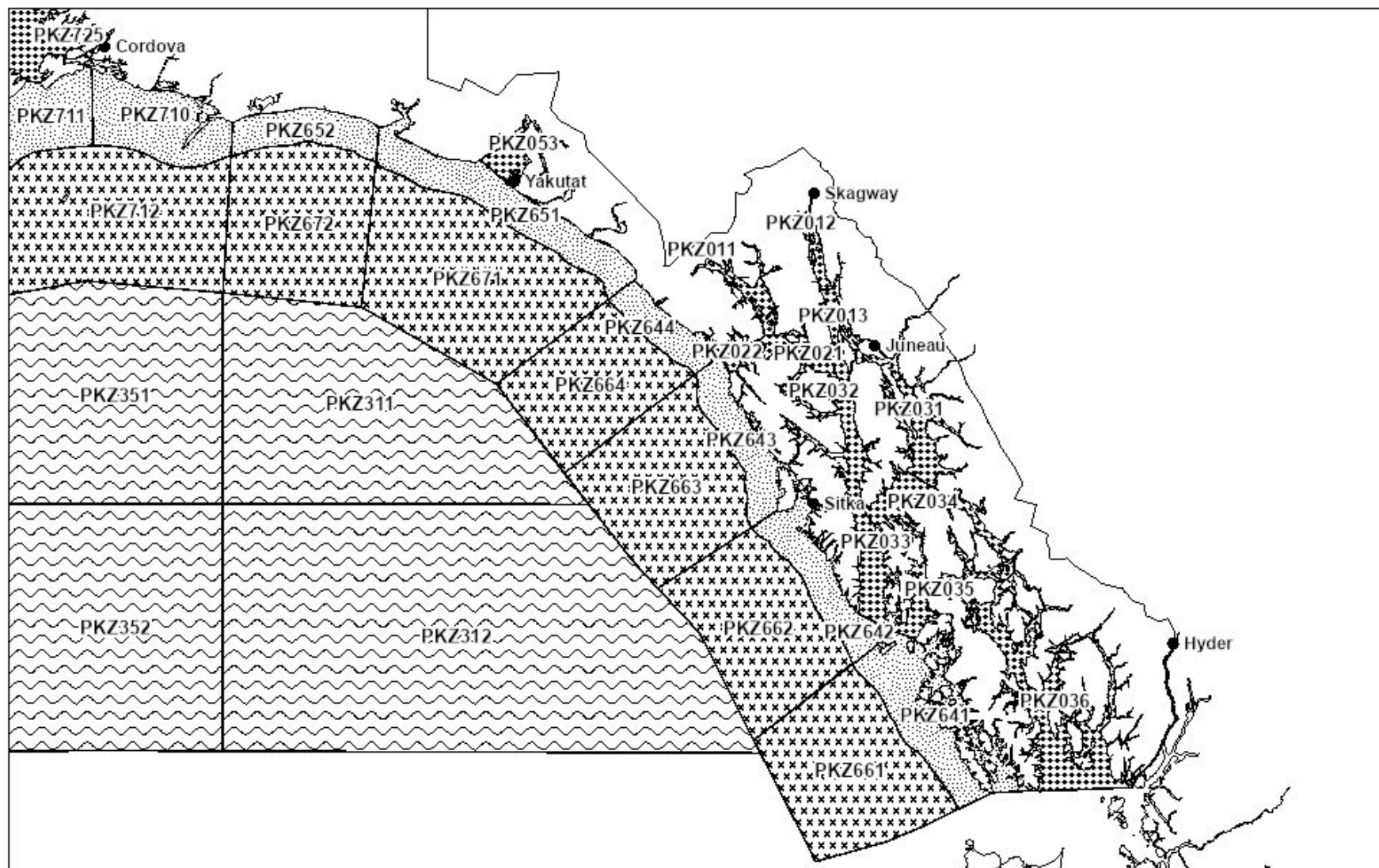
Coastal Marine Forecast Zones

North Gulf of Alaska Coastal Waters


PKZ710: Cape Suckling to Gravel Point out to 15 NM	PKZ726: Southwest Prince William Sound
PKZ711: Gravel Point to Cape Cleare out to 15 NM	PKZ720: Port of Valdez
PKZ712: Cape Suckling to Cape Cleare from 15 to 100 NM	PKZ721: Valdez Narrows
PKZ715: Cape Cleare to Gore Point out to 15 NM	PKZ722: Valdez Arm
PKZ714: Resurrection Bay	PKZ723: Passage Canal
PKZ724: Northwest Prince William Sound	PKZ740: Cook Inlet North of Kalgin Island
PKZ725: Central and Eastern Prince William Sound	




Eastern Gulf of Alaska



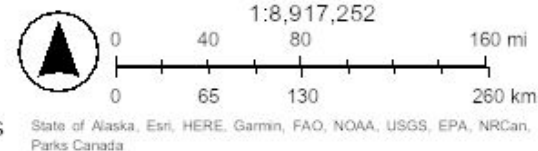
1/3/2023

 Alaska Near Shore Zones From 0 To 15 NM

 Alaska Inside Waters

 Alaska Coastal Waters From 15 To Approximately 80 NM

 Alaska Offshore Zones





New Alaska Marine Zone Numbers and Names (as of March 2023)

Offshore Marine Forecast Zones

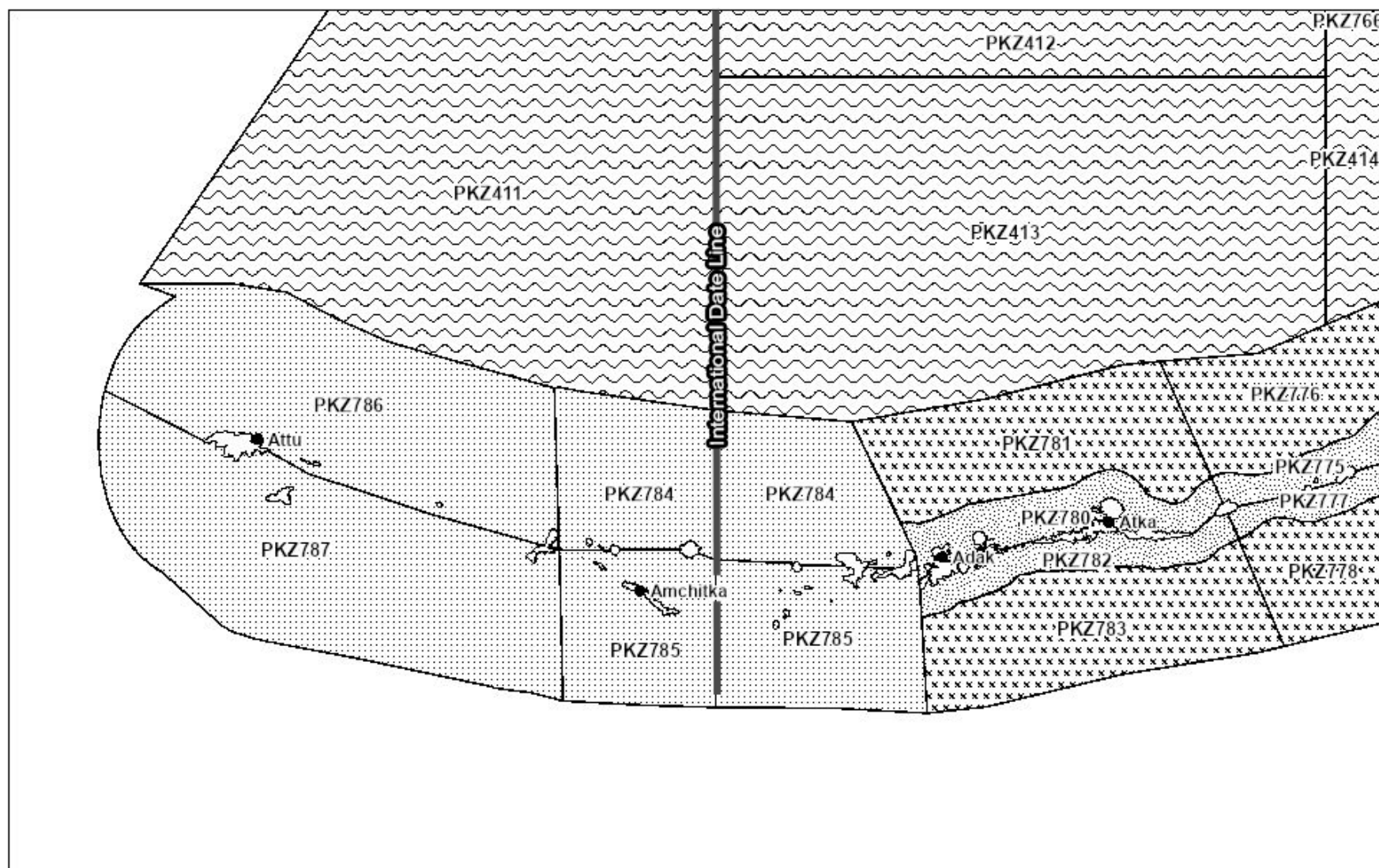
Eastern Gulf of Alaska Offshore Waters	Western Gulf of Alaska Offshore Waters
PKZ311: Gulf of Alaska North of 57° North and East of 144° West	PKZ351: Gulf of Alaska North of 57° North and West of 144° West
PKZ312: Gulf of Alaska South of 57° North and East of 144° West	PKZ352: Gulf of Alaska South of 57° North, North of 55° North and West of 144° West

Coastal Marine Forecast Zones

Southeast Alaska Inner Channels	Southeast Alaska Coastal Waters
PKZ011: Glacier Bay	PKZ641: Dixon Entrance to Cape Decision out to 15 NM
PKZ012: Northern Lynn Canal	PKZ661: Dixon Entrance to Cape Decision from 15 to 90 NM
PKZ013: Southern Lynn Canal	PKZ642: Cape Decision to Cape Edgecumbe out to 15 NM
PKZ021: Icy Strait	PKZ662: Cape Decision to Cape Edgecumbe from 15 to 80 NM
PKZ022: Cross Sound	PKZ643: Cape Edgecumbe to Cape Spencer out to 15 NM
PKZ031: Stephens Passage	PKZ663: Cape Edgecumbe to Cape Spencer from 15 to 80 NM
PKZ032: Northern Chatham Strait	PKZ644: Cape Spencer to Cape Fairweather out to 15 NM
PKZ033: Southern Chatham Strait	PKZ664: Cape Spencer to Cape Fairweather from 15 to 85 NM
PKZ034: Frederick Sound	PKZ651: Cape Fairweather to Icy Cape out to 15 NM
PKZ035: Sumner Strait	PKZ671: Cape Fairweather to Icy Cape from 15 to 80 NM
PKZ036: Clarence Strait	PKZ652: Icy Cape to Cape Suckling out to 15 NM
PKZ053: Yakutat Bay	PKZ672: Icy Cape to Cape Suckling from 15 to 80 NM
North Gulf of Alaska Coastal Waters	
PKZ710: Cape Suckling to Gravel Point out to 15 NM	PKZ711: Gravel Point to Cape Cleare out to 15 NM
PKZ712: Cape Suckling to Cape Cleare from 15 to 100 NM	PKZ725: Central and Eastern Prince William Sound



Western Aleutians



1/3/2023

 Alaska Near Shore Zones From 0 To 15 NM

 Alaska Offshore Zones

 Alaska Coastal Waters From 15 To Approximately 80 NM

 Western Aleutian Zones



1:8,917,252

0 500 1,000 2,000 mi
0 1,000 2,000 4,000 km

Esri UK, Esri, HERE, Garmin, FAO, NOAA, USGS



Alaska Marine Zone Numbers and Names (as of March 2023)

Offshore Marine Forecast Zones

Bering Sea

PKZ411: Bering Sea West of 180° and East of the International Date Line

PKZ413: Bering Sea 171° West to 180° and South of 56° North

PKZ412: Bering Sea 171° West to 180° and North of 56° North

PKZ414: Bering Sea East of 171° West

Coastal Marine Forecast Zones

Southwest Alaska Coastal Waters and Aleutian Islands

PKZ775: Nikolski to Seguam Island Bering Side out to 15 NM

PKZ782: Seguam Island to Adak Pacific Side out to 15 NM

PKZ776: Nikolski to Seguam Island Bering Side from 15 to 85 NM

PKZ783: Seguam Island to Adak Pacific Side from 15 to 75 NM

PKZ777: Nikolski to Seguam Island Pacific Side out to 15 NM

PKZ784: Adak to Kiska Bering Side

PKZ778: Nikolski to Seguam Island Pacific Side from 15 to 75 NM

PKZ785: Adak to Kiska Pacific Side

PKZ780: Seguam Island to Adak Bering Side out to 15 NM

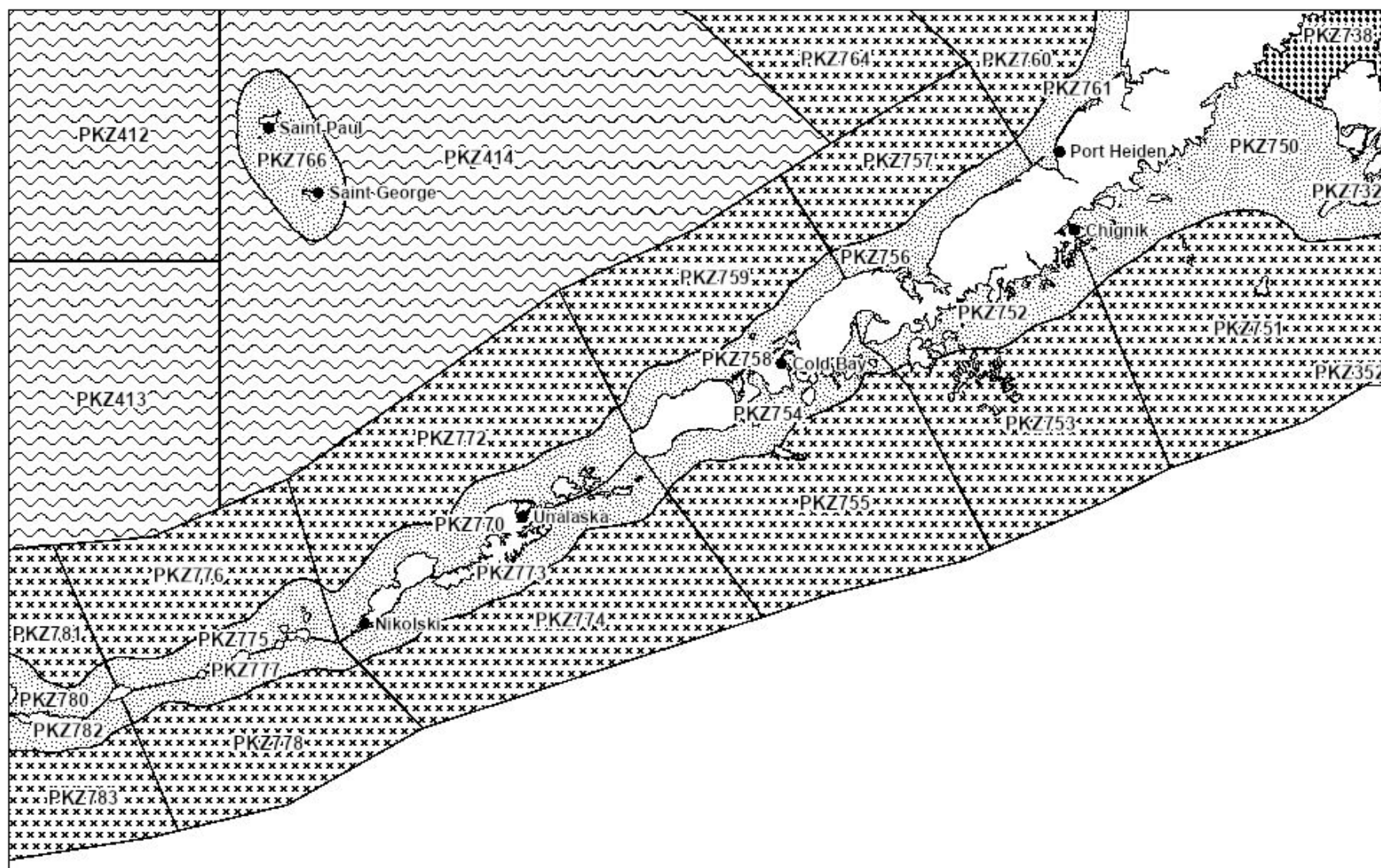
PKZ786: Kiska to Attu Bering Side

PKZ781: Seguam Island to Adak Bering Side from 15 to 85 NM

PKZ787: Kiska to Attu Pacific Side



Eastern Aleutians



1/3/2023

-  Alaska Near Shore Zones From 0 To 15 NM
-  Alaska Coastal Waters From 15 To Approximately 80 NM
-  Alaska Inside Waters
-  Alaska Offshore Zones





Alaska Marine Zone Numbers and Names (as of March 2023)

Offshore Marine Forecast Zones

Bering Sea

PKZ412: Bering Sea 171° West to 180° and North of 56° North

PKZ414: Bering Sea East of 171° West

PKZ413: Bering Sea 171° West to 180° and South of 56° North

Coastal Marine Forecast Zones

North Gulf of Alaska Coastal Waters

PKZ732: Marmot Island to Sitkinak out to 15 NM

PKZ738: Shelikof Strait

Southwest Alaska Coastal Waters and Aleutian Islands (continued)

PKZ770: Cape Sarichef to Nikoski Bering Side out to 15 NM

PKZ772: Cape Sarichef to Nikoski Bering Side 15 to 85 NM

Southwest Alaska Coastal Waters and Aleutian Islands

PKZ771: Unalaska Bay

PKZ750: South of the AK Peninsula Sitkinak to Castle Cape out to 15 NM

PKZ773: Cape Sarichef to Nikoski Pacific Side out to 15 NM

PKZ751: South of the AK Peninsula Sitkinak to Castle Cape from 15 to 100 NM

PKZ774: Cape Sarichef to Nikoski Pacific Side from 15 to 85 NM

PKZ752: South of the AK Peninsula Castle Cape to Cape Tolstoi out to 15 NM

PKZ775: Nikolski to Seguam Island Bering Side out to 15 NM

PKZ753: South of the AK Peninsula Castle Cape to Cape Tolstoi from 15 to 100 NM

PKZ776: Nikolski to Seguam Island Bering Side from 15 to 85 NM

PKZ754: South of the AK Peninsula Cape Tolstoi to Cape Sarichef out to 15 NM

PKZ777: Nikolski to Seguam Island Pacific Side out to 15 NM

PKZ755: South of the AK Peninsula Cape Tolstoi to Cape Sarichef from 15 to 100 NM

PKZ778: Nikolski to Seguam Island Pacific Side from 15 to 75 NM

PKZ761: Bristol Bay from Port Heiden to Cape Chichagof out to 15 NM

PKZ780: Seguam Island to Adak Bering Side out to 15 NM

PKZ760: Bristol Bay greater than 15 NM

PKZ781: Seguam Island to Adak Bering Side from 15 to 85 NM

PKZ756: Port Heiden to Nelson Lagoon out to 15 NM

PKZ782: Seguam Island to Adak Pacific Side out to 15 NM

PKZ757: Port Heiden to Nelson Lagoon from 15 to 60 NM

PKZ783: Seguam Island to Adak Pacific Side from 15 to 75 NM

PKZ758: Nelson Lagoon to Cape Sarichef out to 15 NM

PKZ766: Pribilof Islands Nearshore Waters

PKZ759: Nelson Lagoon to Cape Sarichef from 15 to 70 NM

PKZ764: Kuskokwim Delta from 15 to 80 NM



State of Alaska, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA



Alaska Marine Zone Numbers and Names (as of March 2023)

Offshore Marine Forecast Zones

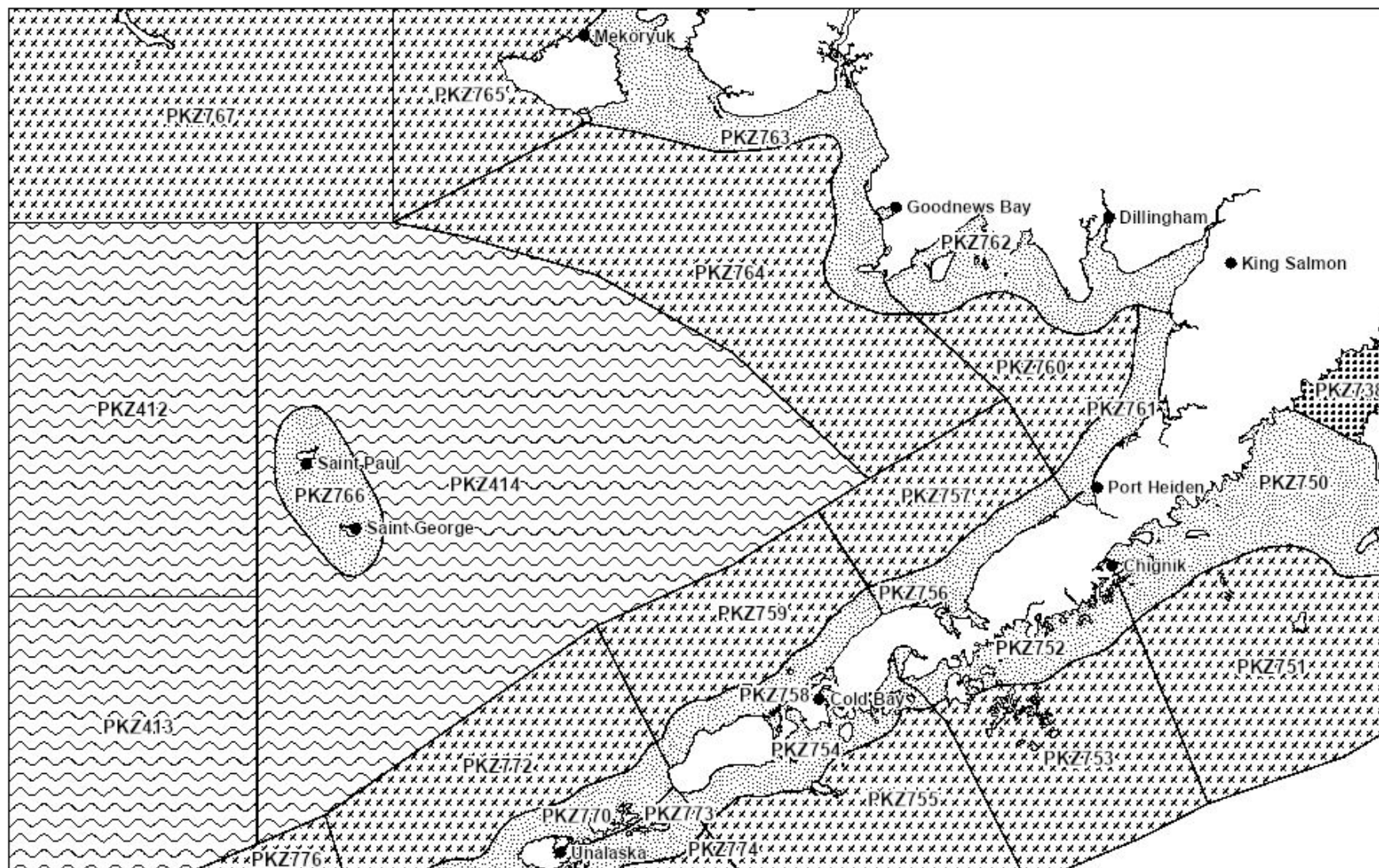
Eastern Gulf of Alaska Offshore Waters	Western Gulf of Alaska Offshore Waters
PKZ311: Gulf of Alaska North of 57° North and East of 144° West	PKZ351: Gulf of Alaska North of 57° North and West of 144° West
PKZ312: Gulf of Alaska South of 57° North and East of 144° West	PKZ352: Gulf of Alaska South of 57° North, North of 55° North and West of 144° West

Coastal Marine Forecast Zones

Southeast Alaska Coastal Waters	North Gulf of Alaska Coastal Waters (continued)
PKZ651: Cape Fairweather to Icy Cape out to 15 NM	PKZ736: Chiniak Bay
PKZ671: Cape Fairweather to Icy Cape from 15 to 80 NM	PKZ737: Marmot Bay
PKZ652: Icy Cape to Cape Suckling out to 15 NM	PKZ738: Shelikof Strait
PKZ672: Icy Cape to Cape Suckling from 15 to 80 NM	PKZ740: Cook Inlet North of Kalgin Island
North Gulf of Alaska Coastal Waters	PKZ741: Kachemak Bay
PKZ710: Cape Suckling to Gravel Point out to 15 NM	PKZ742: Cook Inlet Kalgin Island to Point Bede
PKZ711: Gravel Point to Cape Cleare out to 15 NM	Southwest Alaska Coastal Waters and Aleutian Islands
PKZ712: Cape Suckling to Cape Cleare from 15 to 100 NM	PKZ750: South of the AK Peninsula Sitkinak to Castle Cape out to 15 NM
PKZ715: Cape Cleare to Gore Point out to 15 NM	PKZ751: South of the AK Peninsula Sitkinak to Castle Cape from 15 to 100 NM
PKZ716: Cape Cleare to Gore Point from 15 to 75 NM	PKZ752: South of the AK Peninsula Castle Cape to Cape Tolstoi out to 15 NM
PKZ730: West of Barren Islands including Kamishak Bay	PKZ754: South of the AK Peninsula Cape Tolstoi to Cape Sarichef out to 15 NM
PKZ731: Barren Islands East	PKZ761: Bristol Bay from Port Heiden to Cape Chichagof out to 15 NM
PKZ732: Marmot Island to Sitkinak out to 15 NM	PKZ760: Bristol Bay greater than 15 NM
PKZ734: Marmot Island to Sitkinak from 15 to 85 NM	PKZ756: Port Heiden to Nelson Lagoon out to 15 NM
PKZ733: Gore Point to Marmot Island from 15 to 80 NM	PKZ757: Port Heiden to Nelson Lagoon from 15 to 60 NM




Bristol Bay



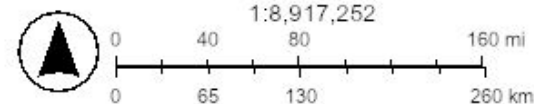
1/3/2023

 Alaska Near Shore Zones From 0 To 15 NM

 Alaska Inside Waters

 Alaska Coastal Waters From 15 To Approximately 80 NM

 Alaska Offshore Zones



State of Alaska, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA



Alaska Marine Zone Numbers and Names (as of March 2023)

Offshore Marine Forecast Zones

Bering Sea

PKZ412: Bering Sea 171° West to 180° and North of 56° North

PKZ414: Bering Sea East of 171° West

PKZ413: Bering Sea 171° West to 180° and South of 56° North

Coastal Marine Forecast Zones

North Gulf of Alaska Coastal Waters

PKZ738: Shelikof Strait

Southwest Alaska Coastal Waters and Aleutian Islands (continued)

PKZ758: Nelson Lagoon to Cape Sarichef out to 15 NM

Southwest Alaska Coastal Waters and Aleutian Islands

PKZ759: Nelson Lagoon to Cape Sarichef from 15 to 70 NM

PKZ750: South of the AK Peninsula Sitkinak to Castle Cape out to 15 NM

PKZ770: Cape Sarichef to Nikoski Bering Side out to 15 NM

PKZ751: South of the AK Peninsula Sitkinak to Castle Cape from 15 to 100 NM

PKZ772: Cape Sarichef to Nikoski Bering Side 15 to 85 NM

PKZ752: South of the AK Peninsula Castle Cape to Cape Tolstoi out to 15 NM

PKZ771: Unalaska Bay

PKZ753: South of the AK Peninsula Castle Cape to Cape Tolstoi from 15 to 100 NM

PKZ773: Cape Sarichef to Nikoski Pacific Side out to 15 NM

PKZ754: South of the AK Peninsula Cape Tolstoi to Cape Sarichef out to 15 NM

PKZ774: Cape Sarichef to Nikoski Pacific Side from 15 to 85 NM

PKZ755: South of the AK Peninsula Cape Tolstoi to Cape Sarichef from 15 to 100 NM

PKZ766: Pribilof Islands Nearshore Waters

PKZ761: Bristol Bay from Port Heiden to Cape Chichagof out to 15 NM

PKZ763: Kuskokwim Delta and Etolin Strait out to 15 NM

PKZ762: Bristol Bay from Cape Chichagof to Cape Peirce out to 15 NM

PKZ764: Kuskokwim Delta from 15 to 80 NM

PKZ760: Bristol Bay greater than 15 NM

PKZ765: North and West of Nunivak Island

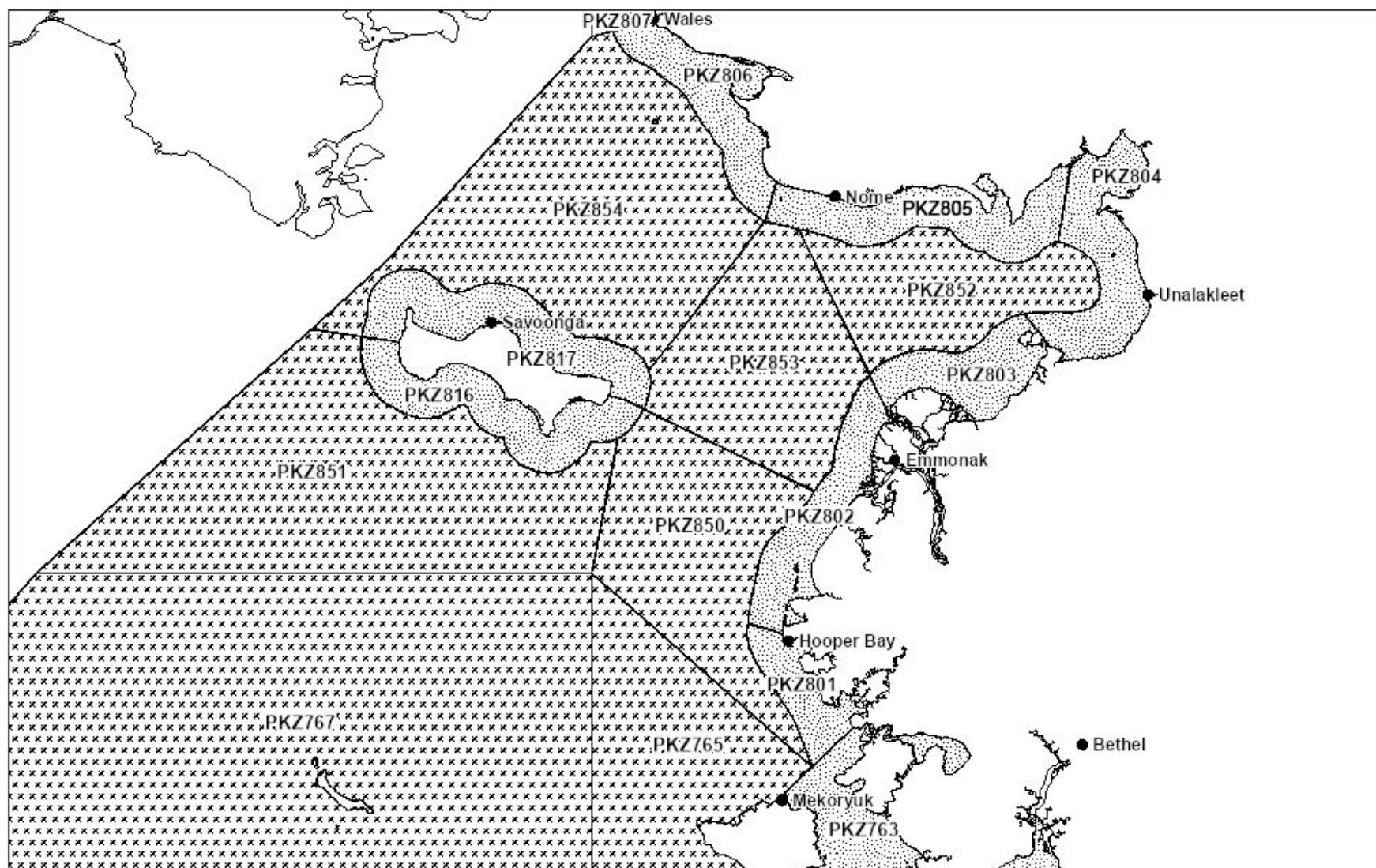
PKZ756: Port Heiden to Nelson Lagoon out to 15 NM

PKZ767: Saint Matthew Island Waters

PKZ757: Port Heiden to Nelson Lagoon from 15 to 60 NM

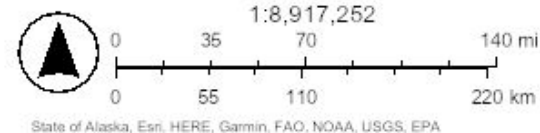


Saint Lawrence Island to Norton Sound



1/3/2023

-  Alaska Near Shore Zones From 0 To 15 NM
-  Alaska Coastal Waters From 15 To Approximately 80 NM





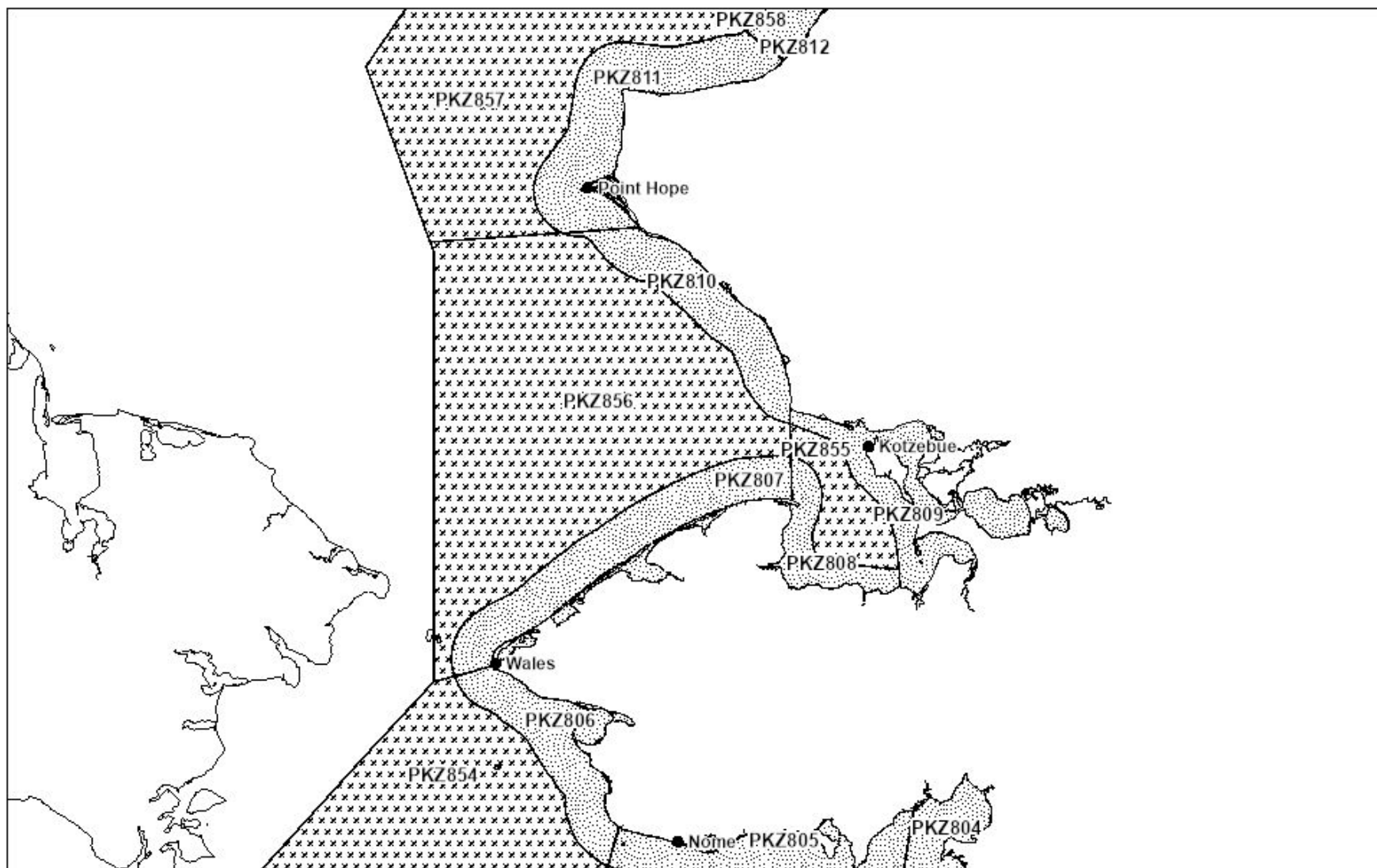
Alaska Marine Zone Numbers and Names (as of March 2023)

Coastal Marine Forecast Zones

Southwest Alaska Coastal Waters and Aleutian Islands	Northwest Alaskan Coastal Waters (continued)
PKZ763: Kuskokwim Delta and Etolin Strait out to 15 NM	PKZ850: Etolin Strait to Kwemeluk Pass from 15 to 90 NM
PKZ765: North and West of Nunivak Island	PKZ851: Southwest of Saint Lawrence Island from 15 to 100 NM
PKZ767: Saint Matthew Island Waters	PKZ816: South side of Saint Lawrence Island out to 15 NM
Northwest Alaskan Coastal Waters	PKZ817: North side of Saint Lawrence Island out to 15 NM
PKZ801: Etolin Strait to Dall Point out to 15 NM	PKZ853: Kwemeluk Pass to Kwikpak Pass from 15 to 90 NM
PKZ802: Dall Point to Kwikpak Pass out to 15 NM	PKZ806: Sledge Island to Wales out to 15 NM
PKZ803: Kwikpak Pass to Cape Stephens out to 15 NM	PKZ854: Sledge Island to Wales greater than 15 NM
PKZ804: Cape Stephens to Moses Point out to 15 NM	PKZ807: Wales to Cape Espenberg out to 15 NM
PKZ805: Moses Point to Sledge Island out to 15 NM	PKZ850: Etolin Strait to Kwemeluk Pass from 15 to 90 NM
PKZ852: Norton Sound greater than 15 NM	

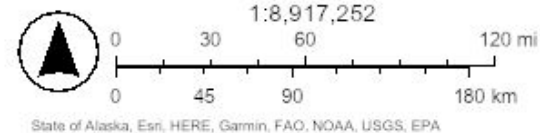


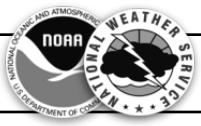
Kotzebue Sound



1/3/2023

-  Alaska Near Shore Zones From 0 To 15 NM
-  Alaska Coastal Waters From 15 To Approximately 80 NM





Alaska Marine Zone Numbers and Names (as of March 2023)

Coastal Marine Forecast Zones

Northwest Alaskan Coastal Waters	Northwest Alaskan Coastal Waters (continued)
PKZ804: Cape Stephens to Moses Point out to 15 NM	PKZ810: Cape Krusenstern to Cape Thompson out to 15 NM
PKZ805: Moses Point to Sledge Island out to 15 NM	PKZ856: Wales to Cape Thompson greater than 15 NM
PKZ806: Sledge Island to Wales out to 15 NM	Arctic Coastal Waters
PKZ854: Sledge Island to Wales greater than 15 NM	PKZ811: Cape Thompson to Cape Beaufort out to 15 NM
PKZ807: Wales to Cape Espenberg out to 15 NM	PKZ857: Cape Thompson to Cape Beaufort from 15 to 85 NM
PKZ808: Cape Espenberg to Motherwood Point out to 10 NM	PKZ812: Cape Beaufort to Point Franklin out to 15 NM
PKZ809: Motherwood Point to Cape Krusenstern out to 10 NM	PKZ858: Cape Beaufort to Point Franklin from 15 to 85 NM
PKZ855: Kotzebue Sound greater than 10 NM	