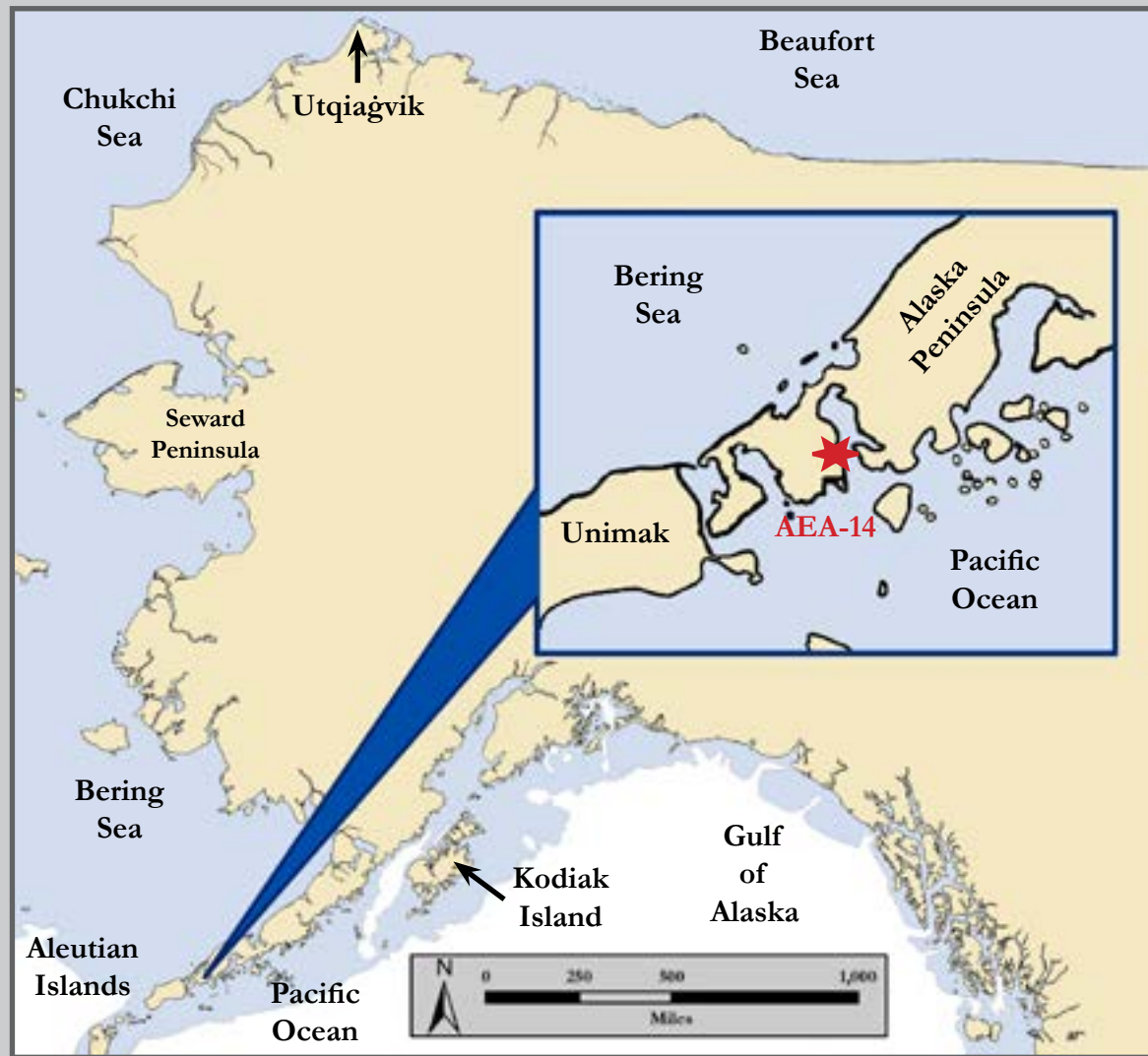
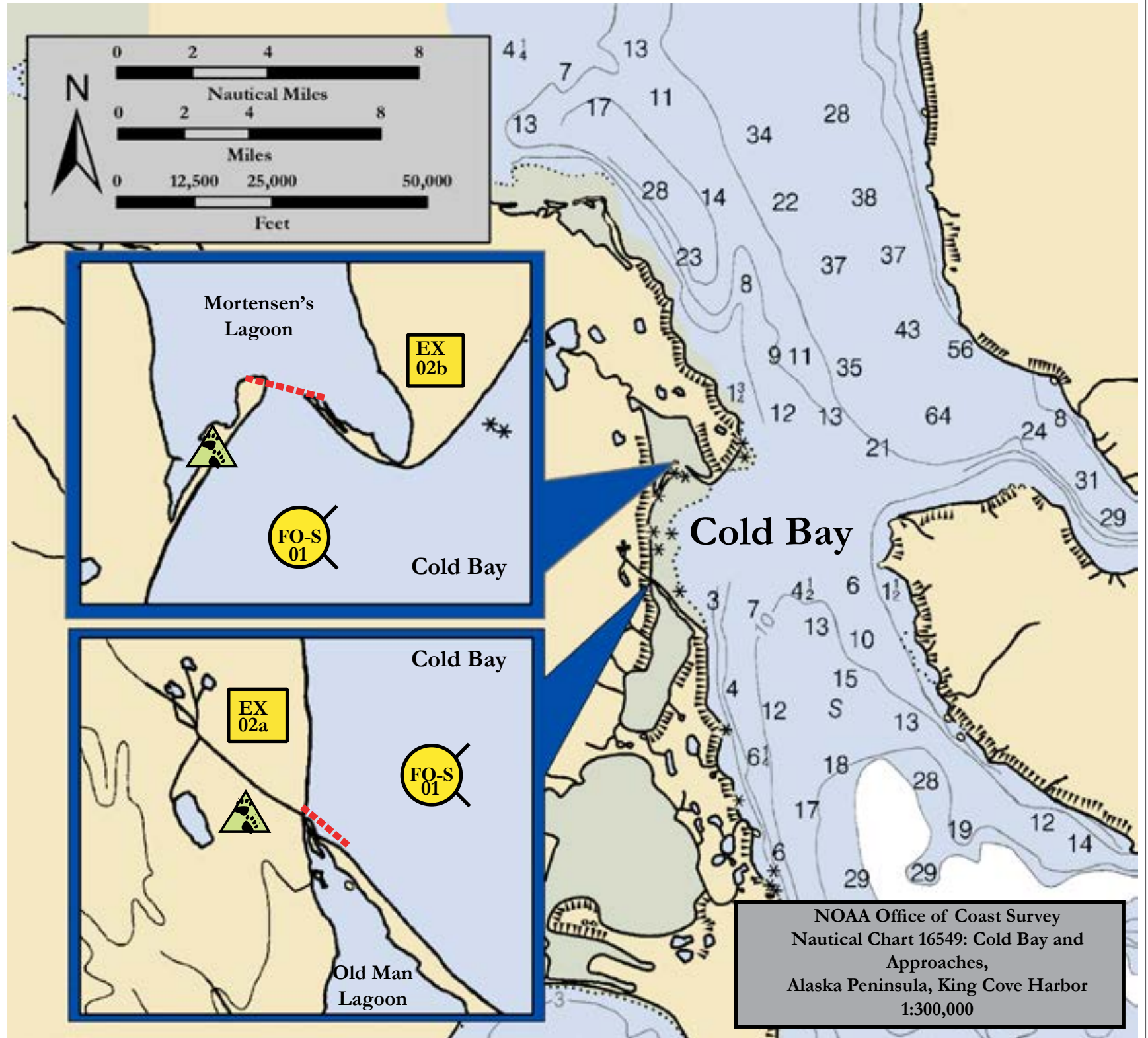


# Mortensens & Old Man Lagoons, AEA-14



Location of AEA-14



NOAA Office of Coast Survey  
Nautical Chart 16549: Cold Bay and Approaches,  
Alaska Peninsula, King Cove Harbor  
1:300,000

Map is not intended for navigational use.



Lat. 55° 6' 32.0" N  
Lon. 162° 36' 42.5" W

Depths in Fathoms

## Geographic Response Strategies for Aleutian Islands East A Zone

Map & Legend

|  |  |
|--|--|
|  | Free-oil Containment and Recovery, Shallow Water |
|  | Exclusion Booming                                |
|  | Bears in Area, Guards Recommended                |
|  | Protected-water Boom                             |

| ID   | Location and Description   | Response Strategy   | Implementation   | Response Resources   | Staging Area    | Site Access  | Resources Protected (months)   | Special Considerations  |
|--|--|---|--|--|-----------------|--|--|---|
| AEA-14-01<br> | <b>Mortensen &amp; Old Man Lagoons</b><br><br>Nearshore waters in the general area of:<br><br>Lat. 55° 06.46' N<br>Lon. 162° 35.92' W  | <b>Free-oil Recovery</b><br><br>Maximize free-oil recovery in the offshore & nearshore environment of Mortensen & Old Man Lagoons depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Mortensen & Old Man Lagoons.<br><br>Use aerial surveillance to locate incoming slicks.  | Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts the sensitive areas in Mortensen & Old Man Lagoons.   | Vessel Platform | Via marine waters<br><br>Chart 16549-1   | Same as AEA-14-02  | Vessel master should have local knowledge.  |
| AEA-14-02<br> | <b>Mortensen &amp; Old Man Lagoons</b><br><br>Old Man Lagoon<br>a. Lat. 55° 05.89' N<br>Lon. 162° 37.48' W<br><br>Mortensen Lagoon<br>b. Lat. 55° 07.73' N<br>Lon. 162° 36.80' W | <b>Exclusion</b><br><br>Exclude oil from impacting the identified streams and intertidal areas in Mortensen & Old Man Lagoons.  | Deploy anchors and boom with skiffs at high tide, or at low tide if not utilizing a skiff.<br><br>Place protected water boom at an angle across the mouth of the lagoons.<br><br>Tend throughout the tide.<br><br><u>Boom Lengths:</u><br>a. 250 ft.<br>b. 600 ft. | <b>Deployment Equipment</b><br>850 ft. protected-water boom<br>4 ea. Small anchor systems<br>8 ea. Anchor stakes<br><br><b>Vessels</b><br>1 ea. Class 6<br><br><b>Personnel/Shift</b><br>2 ea. Vessel crew/general techs<br><br><b>Tending Vessels</b><br>1 ea. Class 6<br><br><b>Personnel/Shift</b><br>2 ea. Vessel crew | Vessel Platform | Via marine waters<br><br>Chart 16549-1<br><br>Beach access is limited via skiff due to extensive tidal flats. Consider helicopter deployment. Road accessible during low tide. | Fish- intertidal spawning salmon (May-Sept.), important for sport fishing (Reds/silvers)<br><br>Birds- waterfowl concentration-threatened species present, shorebird concentration.<br><br>Human use- commercial fishing, subsistence<br><br>Habitat-marsh, exposed rocky shoreline, gravel beach, eel grass | Site surveyed 05/12/16<br><br>A large population of bears forage on the tidal flats in the spring and are present during salmon runs. A bear guard is required.<br><br>FOOSC Historic Properties Specialist should INSPECT this site prior to deployment.<br><br>THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE/PRESENT. Discuss with DOI prior to on-site operations.<br><br>Title 16 permitting required from ADF&G.<br><br>Tested: No |