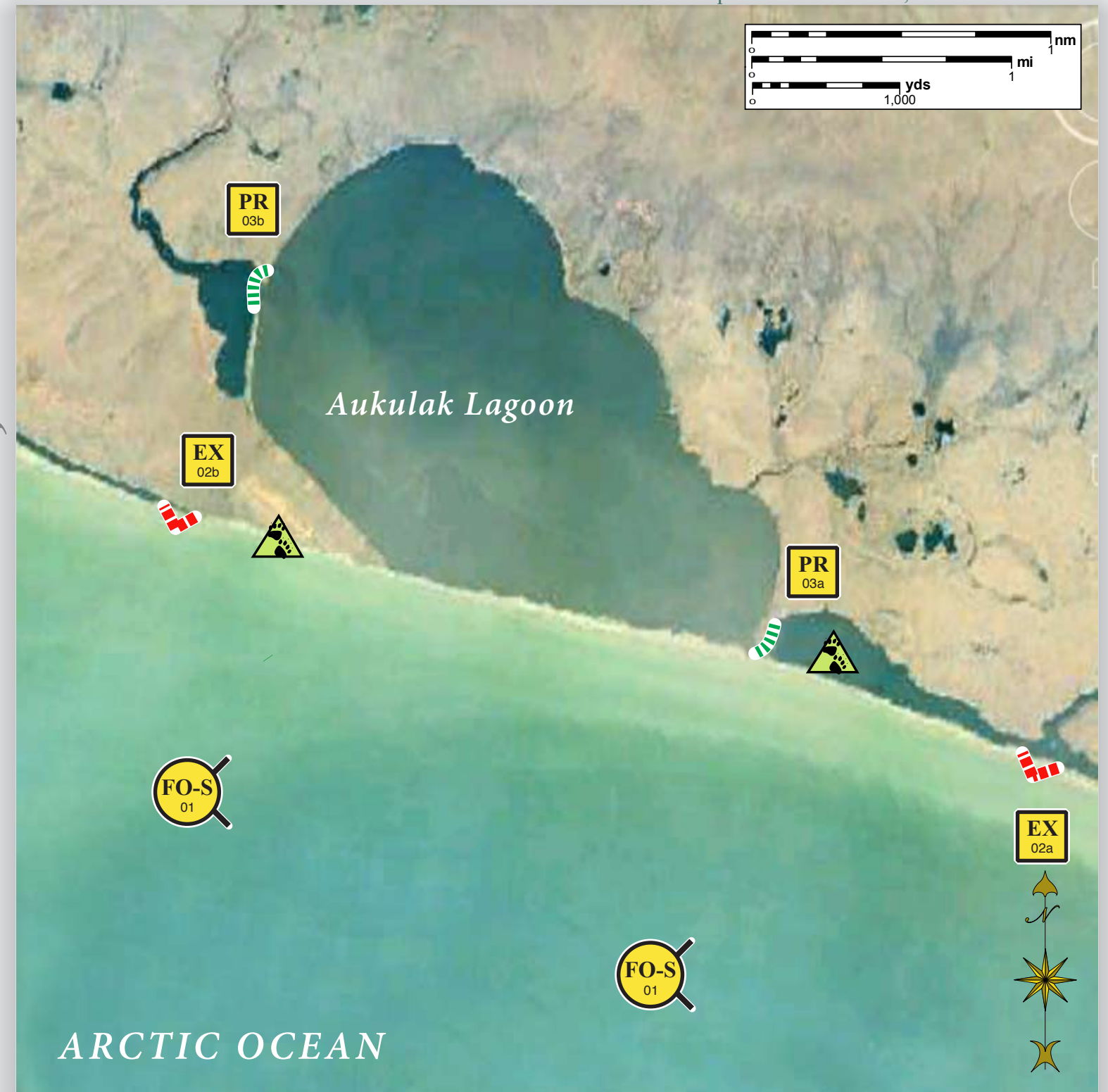
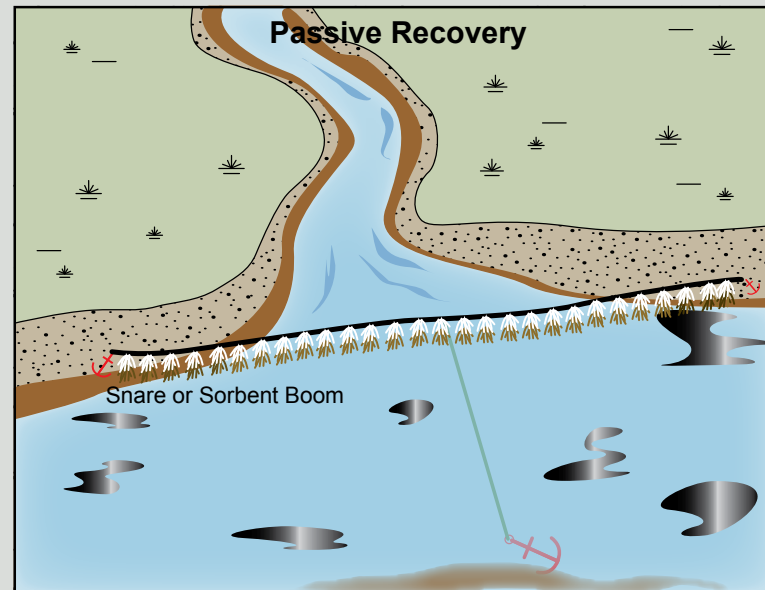


Krusenstern & Aukulak Lagoons, NWA-N08

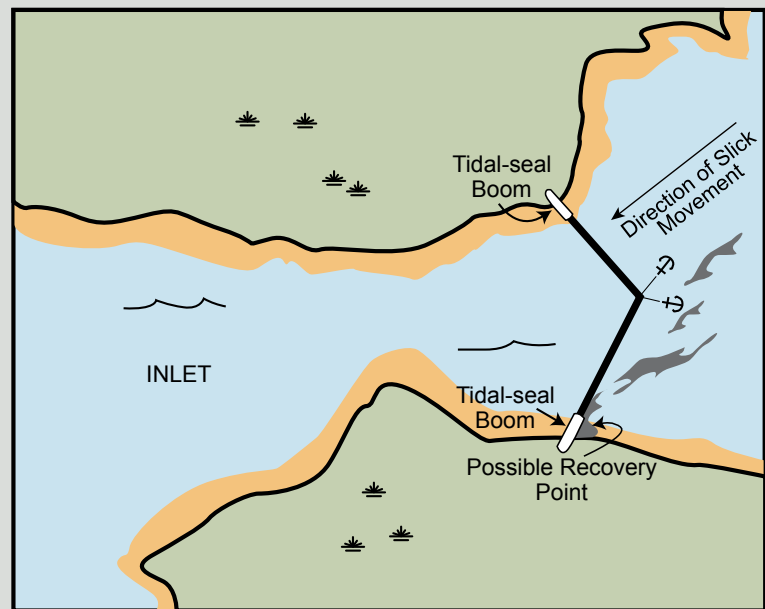
Center of map at 67° 9'41" N Lat., 163° 43'55" W Lon.



This is not intended for navigational use.



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.






An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

- Free-oil Recovery
- Passive Recovery
- Exclusion Booming
- Protected-water Boom
- Snare or Sorbent Boom
- Bears in Area, Guards Recommended

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-08-01 	Krusenstern Lagoon & Aukulak Lagoon Nearshore waters in the general area of: Lat. 67°02.5'N Lon. 163°56.5'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Cape Krusenstern & Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Cape Krusenstern & Lagoon. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Kotzebue	Via marine waters Chart 16005	Same as N-08-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
N-08-02 	Cape Krusenstern Lagoon & Aukulak Lagoon a. Lat. 67° 03.77'N Lon. 163°18.55'W b. Lat. 67° 03.29'N Lon. 163°12.99'W	Exclusion Exclude oil from entering the Cape Krusenstern Lagoon & Aukulak Lagoon. The barrier beach in front of both lagoons seasonally breaches and may be open in different location. Aerial Survey prior to deployment.	Deploy anchors and boom with skiffs (class 6). Place 500 ft. of protected-water boom in a chevron pattern in front of the entrances to both lagoons. If the sea state does not allow this deployment, move to inside the entrance until the boom is able to hold. Tend throughout the tide.	Deployment Equipment 1000 ft. protected-water boom 6 ea. anchor systems 8 ea. anchor stakes Vessels 1 ea. class 3 1 ea. class 6 1 ea. helicopter (if needed for N-03-03) Personnel/Shift 5 ea. vessel crew Tending Vessels 1 ea. class 6 1 ea. class 3 Personnel/Shift 5 ea. vessel crew	Vessel Platform	Via marine waters Chart 16005	Fish- herring spawning, dolly varden char, rainbow smelt, saffron cod, white fish Birds- waterfowl concentration, shorebird concentration, seabird nesting Marine mammals- polar bears, seals Habitat- tundra cliffs, gravel beaches, low lying tundra Human Use: Subsistence	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations. FOSC Historic Properties Specialist should MONITOR on-site operations. Survey: not yet Tested: not yet
N-08-03 	Krusenstern Lagoon & Aukulak Lagoon a. Lat. 67° 08.01 N Lon. 163°33.97 W b. Lat. 67° 03.80 N Lon. 163°14.16 W Survey the lagoons prior to deployment to establish exact locations.	Passive Recovery The lagoons are closed to direct ocean access. If a storm threatens to breach the barrier beach place passive recovery across the channels of the streams and drainages in Krusenstern and Aukulak Lagoons. The lagoon may not be accessible with skiffs. Helicopter deploy when not accessible.	Place and anchor snare line or sorbent boom across the channels of streams in Krusenstern and Aukulak Lagoons. Replace as necessary to maximize the recovery.	Deployment Equipment 1000 ft. snare line or sorbent boom 5 ea. anchor systems 16 ea. anchor stakes (Adjust equipment to reflect survey findings) Vessels/Personnel/Shift Same as N-08-02 Tending Vessels/Personnel/Shift Same as N-08-02	Vessel Platform	Via marine waters Chart 16005	Same as N-08-02	Vessel master should have local knowledge. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.