

March 1,2015

DRAFT This tactic map is a working draft being used to develop a Geographic Response Strategy at this location. The tactics represented here have not been approved by the Subarea Committee and should not be considered final. If you have questions or comments please contact us by email at contact@nukaresearch.com.

NUKA Research & Planning Group, LLC.

## Aleutian Subarea Geographic Response Strategies

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
AWA-06-01	<ul> <li>Korovin Bay-North</li> <li>a. Lat. 52° 11.876'N Lon. 174° 11.857'W</li> <li>b. Lat. 52° 11.414'N Lon. 174° 11.226'W</li> <li>c. Lat. 52° 13.743'N Lon. 174° 6.562'W</li> </ul>	<b>Passive Recovery</b> Use passive recovery for rapid deployment prior to oil impacts and the arrival of hard boom. Place passive recovery boom across the entrance to the salmon streams in Korovina Bay. Move the boom to maximize the protection of the salmon streams.	Place and anchor snare line or sorbent boom across the identified creek mouths. Move to arrays further back into the streams if the sea state precludes deployment. Replace as necessary to maximize the recovery.	Deployment Equipment 650 ft. snare line or sorbent boom 3 ea. small anchor systems 12 ea. anchor stakes Vessels/Personnel/Shift Same as AWA-06-02 Tending Vessels/Personnel/Shift Same as AWA-06-02	Vessel platform	Via marine waters Chart 16487_1	Same as AWA-06-02	Vessel master should have local knowledge. Title 16 permitting required from ADFG. Title 41 permitting required from ADNR
AWA-06-02	Korovin Bay-North Lat. 52° 13.977'N Lon. 174° 11.117'W	<b>Divert and Collect</b> Divert oil to shore-side collection points determined by spill source and trajectory.	Deploy anchors and boom with skiffs (class 6). Place fast-water boom at the proper angle to divert oil to collection site. Set up collection unit and tend throughout the tide.	DeploymentEquipment700 ft. protected-water boom1 section 50 ft. tidal-seal boom3 ea. anchor systems1 ea. deadman anchor for beach1 ea. deadman anchor for beach1 ea. shore-side collection unitVessels2 ea. class 32 ea. class 6Personnel/Shift11 ea. vessel crew2 ea. class 3/41 ea. class 6Personnel/Shift4 ea. class 6Personnel/Shift4 ea. class 6Personnel/Shift4 ea. vessel crew2 ea. response techs	Vessel platform	Via marine waters Chart 16487_1	Marine mammals- Sea Otter Fish – Coho Salmon, Pink Salmon, Sockeye Salmon Subsistence Use – Intertidal, Fish, Birds Birds- Waterfowl Concentrations Habitat- Exposed Rocky Shoreline, Gravel Beach	Take appropriate measures as outlined in the Alaska STAR Manual to protect the beach at the collection site. Site surveyed: not yet Tested: not yet
AWA-06-03	Korovin Bay-North Same locations as AWA-06-01	Exclusion Exclude oil from impacting the streams Korovin Bay. Boom Lengths: a. 400 ft. b. 150 ft. c. 100 ft.	Deploy anchors and boom with skiffs (class 6). Exclude the entrance to the streams with fast-water/harbor boom. Place the boom in a chevron pattern extending into the ocean. If the sea state precludes this is strategy, deploy further back in the stream. Tend throughout the tide.	Deployment Equipment 1100 ft. fast-water boom 6 ea. small anchor systems 16 ea. anchor stakes Vessels/Personnel/Shift Same as AWA-06-02 Tending Vessels/Personnel/Shift Same as AWA-06-02	Vessel Platform	Via marine waters Chart 16487_1	Same as AWA-06-02	Vessel master should have local knowledge. Fast-water boom is specified for logistical consideration. Larger boom maybe used if available.
AWA-06-04	Korovin Bay-North Nearshore waters in the general area of: Lat. 52° 15.554'N Lon. 174° 14.632'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Korovin Bay-North depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Korovin Bay- North. 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.	Vessel Platform	Via marine waters Chart 16487_1	Same as AWA-06-02	Vessel master should have local knowledge.

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\_al.htm.