

May 2014

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.

## Southeast Alaska Geographic Response Strategies

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected	Special Considerations
SE05-20-01	Starrigavan Bay   Starrigavan Creek   a. Lat. 57° 07.55'N   Lon. 135°22.11'W   b. Lat. 57° 07.44'N   Lon. 135°22.27'W   c. Lat. 57° 07.40'N   Lon. 135°22.57'W   d. Lat. 57° 08.15'N   Lon. 135°22.18'W   Mosquito Cove   e. Lat. 57° 08.35'N   Lon. 135°22.18'W	Exclusion Exclude oil from impacting Starrigavan and other Creeks in Starrigavan Bay.	Deploy anchors and boom with skiffs (class 6). For (a) use the bridge embankment as anchoring points and place 200 ft. of protected-water boom in a chevron pattern in front of the entrance Starrigavan Creek. Repeat placement of boom at the remaining creeks. Tend throughout the tide. <u>Boom Lengths:</u> a. 200 ft. b. 200 ft. c. 200 ft. d. 250 ft. e. 250 ft.	Deployment Equipment 1100 ft. protected-water boom 5 ea. anchor systems 16 ea. anchor stakes Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew 2 ea. response techs Tending Vessels 1 ea. class 6 Personnel/Shift 3 ea. vessel crew 2 ea. response techs	Ferry Terminal	Halibut Point Road & via marine waters Chart 17324_1	Fish: chum, sockeye, dolly varden, coho, pink Birds: seabird nesting Habitat- sheltered rocky shore, gravel beach, marsh Human Uses: log storage, high recreational use, subsistence, commercial fishing, commercial marine services	Vessel master should have local knowledge. Bears are present in the area. Bear guards required. Consult with Incident Command to ensure ADFG- Title 16 and ADNR-Title 41 permits have been obtained. Consult the Site Selection Matrix for cultural resources designation. Consult the ADEC "Spill Tactics for Alaska Responders" manual for additional information on the deployment of these tactics. Survey: May 27, 2013 Tested: not yet
SE05-20-02	Starrigavan Creek Lat. 57° 07.55'N Lon. 135°22.11'W	<b>Passive Recovery</b> Deploy passive recovery at the high tide mark in the back of the marsh in Starrigavan Creek.	At the back of the marsh place and anchor approximately 150 ft. of snare line or sorbent boom across the channels of streams in the area. Replace as necessary to maximize the recovery.	Deployment Equipment 700 ft. snare line or sorbent boom 3 ea. anchor systems 10 ea. anchor stakes Vessels/Personnel/Shift Same as SE05-20-01 Tending Vessels/Personnel/Shift Same as SE05-20-01	Vessel Platform	Site accessible via road system. Via marine waters Chart 17405_1	Same as SE05-20-01	Vessel master should have local knowledge.
SE05-20-03	Starrigavan Bay Nearshore waters in the general area of: Lat. 57° 08.07'N Lon. 135°23.30'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment Starrigavan Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Starrigavan Bay areas. 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.	Sitka Harbor- 6nm via marine waters	Via marine waters Chart 17324_1	Same as SE05-20-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks, shallow mud flats and channels.