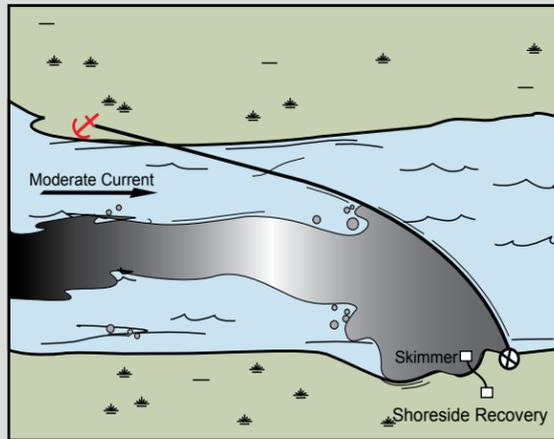


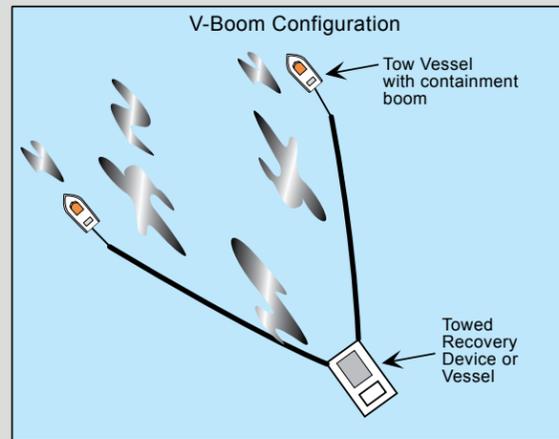
# Chignik/Mud Bays, BB-S05

Center of map at 56° 19.85' N Lat., 158° 23.22' W Lon.

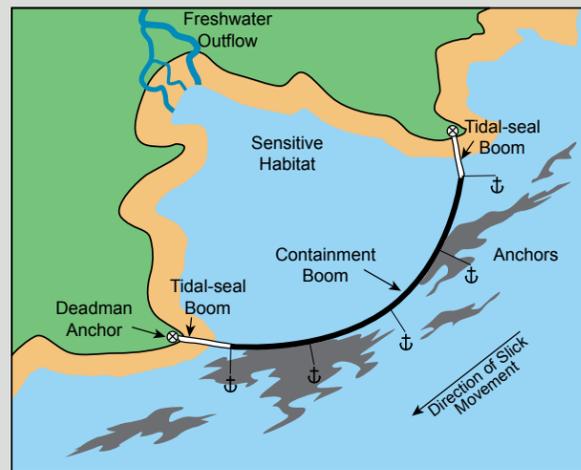
## Geographic Response Strategies for Bristol Bay Subarea, Southern Zone



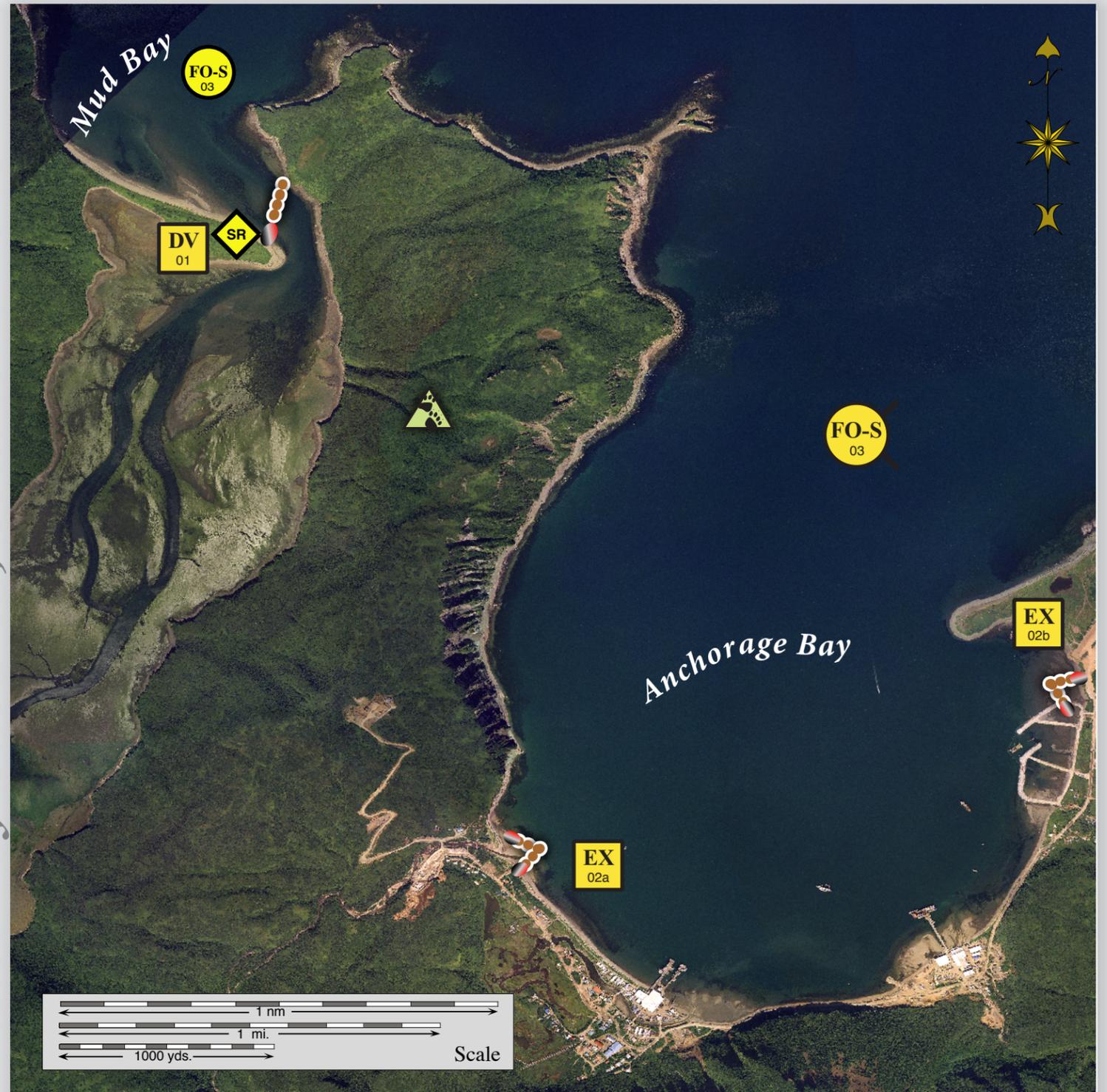
An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Free-oil 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.



This is not intended for navigational use.

**Map Legend**

	Free-oil Recovery		Fast-water Boom
	Exclusion Booming		Tidal-seal Boom
	Diversion Booming		Bears in Area, Guards Recommended
	Shoreside Recovery		

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

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-05-01 <b>DV</b>	<b>Chignik &amp; Mud Bays</b> Lat. 56° 19.39'N Lon. 158°25.42'W	<b>Divert and Collect</b> Divert oil to shore side collection locations on the spit that forms Mud Bay.	Deploy anchors and boom with skiffs (class 6).  Cascade 3 sections of 300ft. fast-water boom extending from the spit at the proper angle to divert incoming oil to the collection site.  Complete the arrays with 60 ft. of tidal seal boom on the shore that will be used as a collection site.  Set up shore-side recovery and tend throughout the tide	<b>Deployment Equipment</b> 900 ft. fast-water boom 60 ft. tidal seal boom 4 ea. anchor systems 4 ea. anchor stakes <b>Vessels</b> 2 ea. class 6 <b>Personnel/Shift</b> 4 ea. vessel crew/general techs 2 ea. skilled techs <b>Tending Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew/general techs 1 ea. skilled techs	Chignik	Via marine waters  Chart 16566	Fish- intertidal spawning-salmon (June-Sept.)  Birds-waterfowl, seabird and shorebird nesting, waterfowl concentration  Marine mammals – sea otters  Habitat- exposed rocky shore, marsh, exposed tidal flats, kelp beds  Human use-subsistence, commercial fishing	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.  THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE. Discuss with DOI prior to on-site operations.  Take precautions to protect the shoreline as outlined in the Alaska STAR Manual.  A large population of bears are in this area. Bear guard required.  Surveyed: not yet  Tested: not yet
S-05-02 <b>EX</b>	<b>Chignik &amp; Mud Bays</b> a. Lat. 55° 18.04'N Lon. 158°24.61'W b. Lat. 55° 18.13'N Lon. 158°21.69'W	<b>Exclusion</b> Exclude oil from impacting the streams in Chignik Bay.	Deploy anchors and boom with skiffs (class 6) at high tide.  Place fast-water boom in a chevron pattern in front of the entrance to the river. Complete the array by placing 60 ft. of tidal seal boom on each leg.  Tend throughout the tide.  Booms Length: a. 150 ft b. 200 ft.	<b>Deployment Equipment</b> 350 ft. fast-water boom 240 ft. tidal seal boom 2 ea. anchor systems 8 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as S-05-01 <b>Tending Vessels/Personnel/Shift</b> Same as S-05-01	Chignik	Via marine waters  Chart 16566	Same as S-05-01	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.
S-05-03 <b>FO-S</b>	<b>Chignik &amp; Mud Bays</b> Nearshore waters in the general area of:  Lat. 55° 19.85'N Lon. 158°22.23'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Chignik & Mud Bays depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Chignik & Mud Bays.  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.	Chignik	Via marine waters  Chart 16566	Same as S-05-01	Vessel master should have local knowledge.  Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Bristol Bay Subarea Contingency Plan: [http://dec.alaska.gov/spar/perp/plans/scp\\_bb.htm](http://dec.alaska.gov/spar/perp/plans/scp_bb.htm).