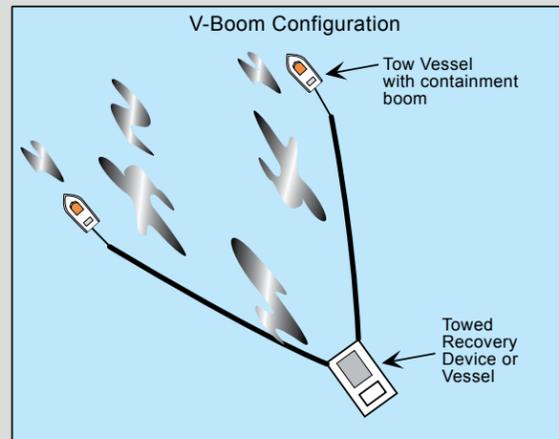
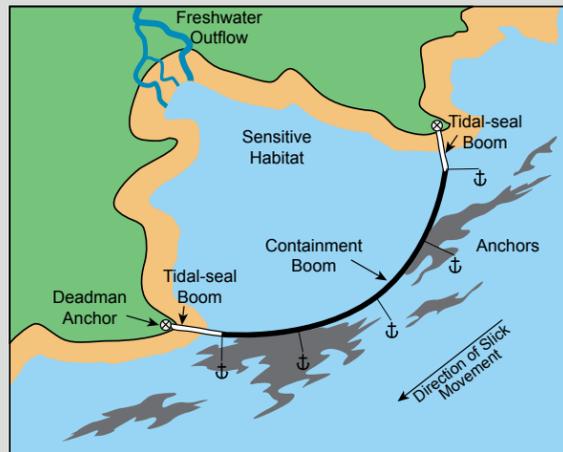


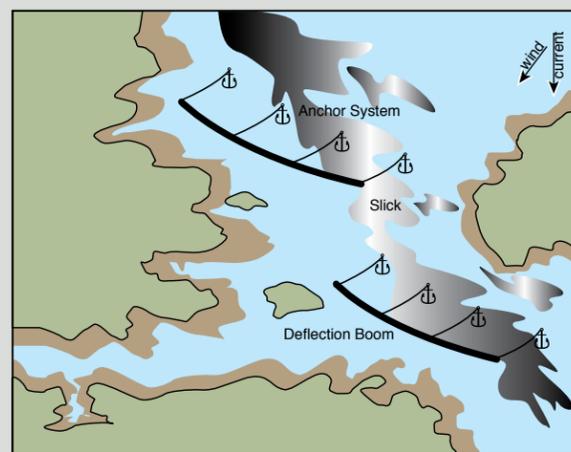
An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



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.



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

**Map Legend**

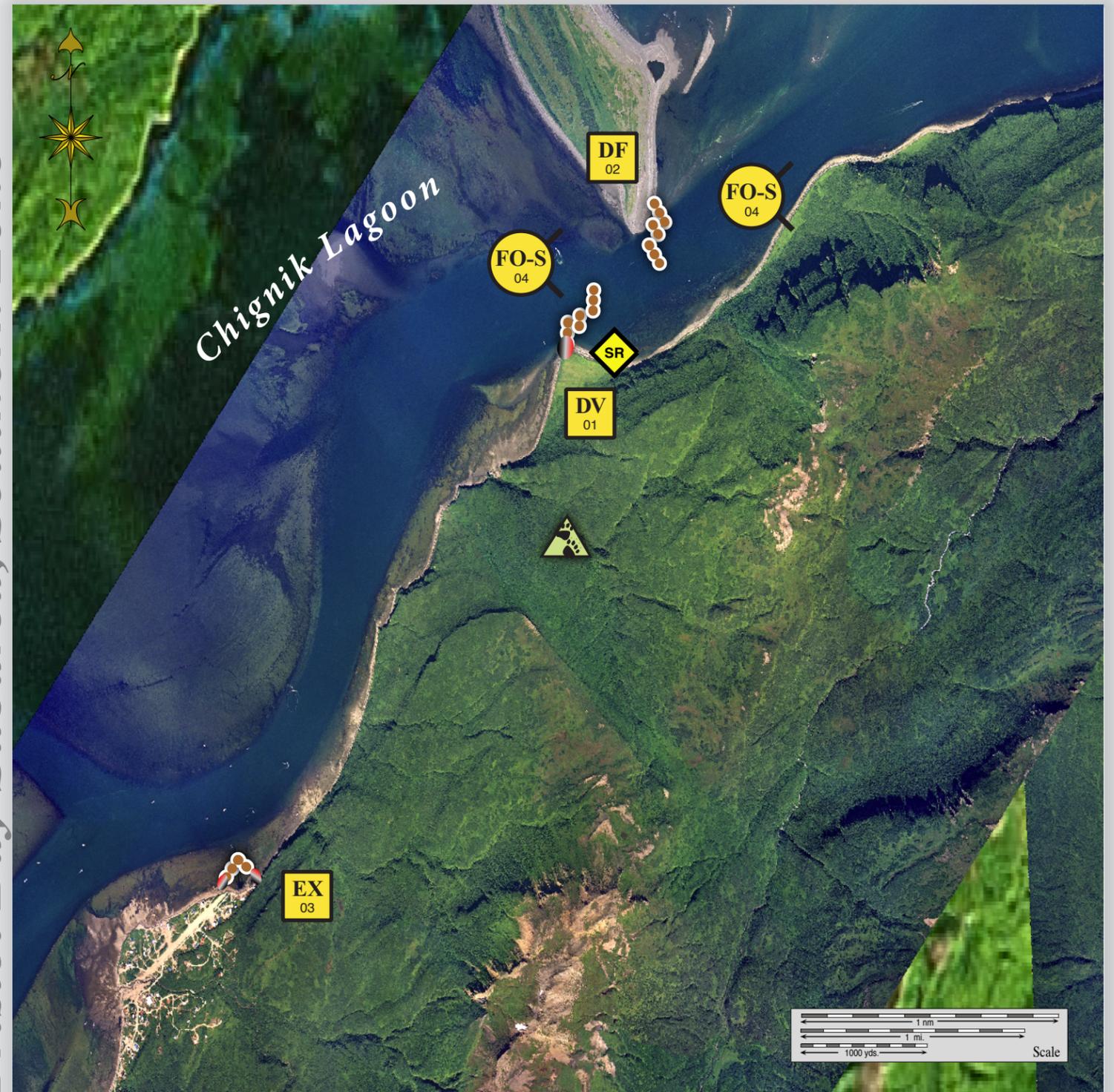
	Free-oil Recovery		Shoreside Recovery
	Deflection Booming		Fast-water Boom
	Exclusion Booming		Tidal-seal Boom
	Diversion Booming		Bears in Area, Guards Recommended

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

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

# Chignik Lagoon, BB-S06

Center of map at 56° 21.46' N Lat., 158° 29.20' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-06-01 <b>DV</b>	<b>Chignik Lagoon Entrance</b> Lat. 56° 20.02'N Lon. 158°29.68'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 1200 ft. of fast-water boom in 300 ft. lengths extending from Brown's Point in a cascaded fashion extending into the channel at the proper angle to divert incoming oil to the collection site. Complete the shore side boom with 60 ft. of tidal seal boom.  Set up shore-side recovery and tend throughout the tide	<b>Deployment</b> <b>Equipment</b> 1200 ft. fast-water boom 60 ft. tidal seal boom 12 ea. anchor systems 2 ea. anchor stakes <b>Vessels</b> 1 ea. class 3 2 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew/general techs 2 ea. skilled techs <b>Tending</b> <b>Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew/general techs 1 ea. skilled techs	Chignik Lagoon	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.  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.  THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE. Discuss with DOI prior to on-site operations.  Surveyed: not yet  Tested: not yet
S-06-02 <b>DF</b>	<b>Chignik Lagoon Entrance</b> Lat. 56° 20.42'N Lon. 158°29.24'W	<b>Deflection</b> Deflect oil that is going to Chignik Lagoon across the channel and into the S-06-02 array for oil collection.	Deploy anchors and boom with skiffs (class 6).  Place 3 arrays of 300 ft. fast-water boom in a cascaded pattern in the path of the incoming oil. Deflect incoming oil across the channel for collection.  Tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 900 ft. fast-water boom 9 ea. anchor systems <b>Vessels/Personnel/Shift</b> Same as S-06-01 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as S-06-01	Chignik Lagoon	Via marine waters  Chart 16566	Same as S-06-01	Vessel master should have local knowledge.
S-06-03 <b>EX</b>	<b>Chignik Lagoon</b> Lat. 55° 18.97'N Lon. 158°31.35'W	<b>Exclusion</b> Exclude oil from impacting the stream in Chignik Lagoon.	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 creek. Complete the array by placing 60 ft. of tidal seal boom on each leg.  Tend throughout the tide.  Boom Length: a. 150 ft b. 200 ft.	<b>Deployment</b> <b>Equipment</b> 350 ft. fast-water boom 120 ft. tidal seal boom 2 ea. anchor systems 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as S-06-01 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as S-06-01	Chignik Lagoon	Via marine waters  Chart 16566	Same as S-06-01	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.
S-06-04 <b>FO-S</b>	<b>Chignik Lagoon Entrance</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 Lagoon Entrance depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Chignik Lagoon Entrance.  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 Lagoon	Via marine waters  Chart 16566	Same as S-06-01	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).