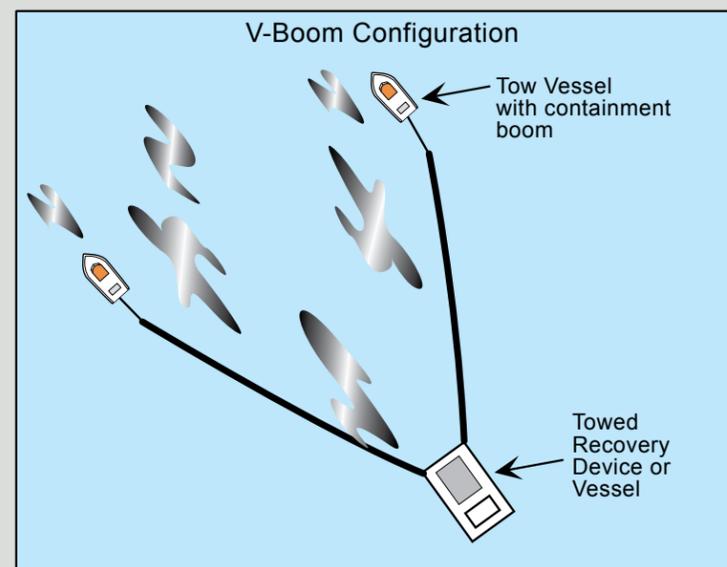


An example of the *Exclusion Booming Tactic*. Actual deployment should be adjusted for local conditions.



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

Map Legend

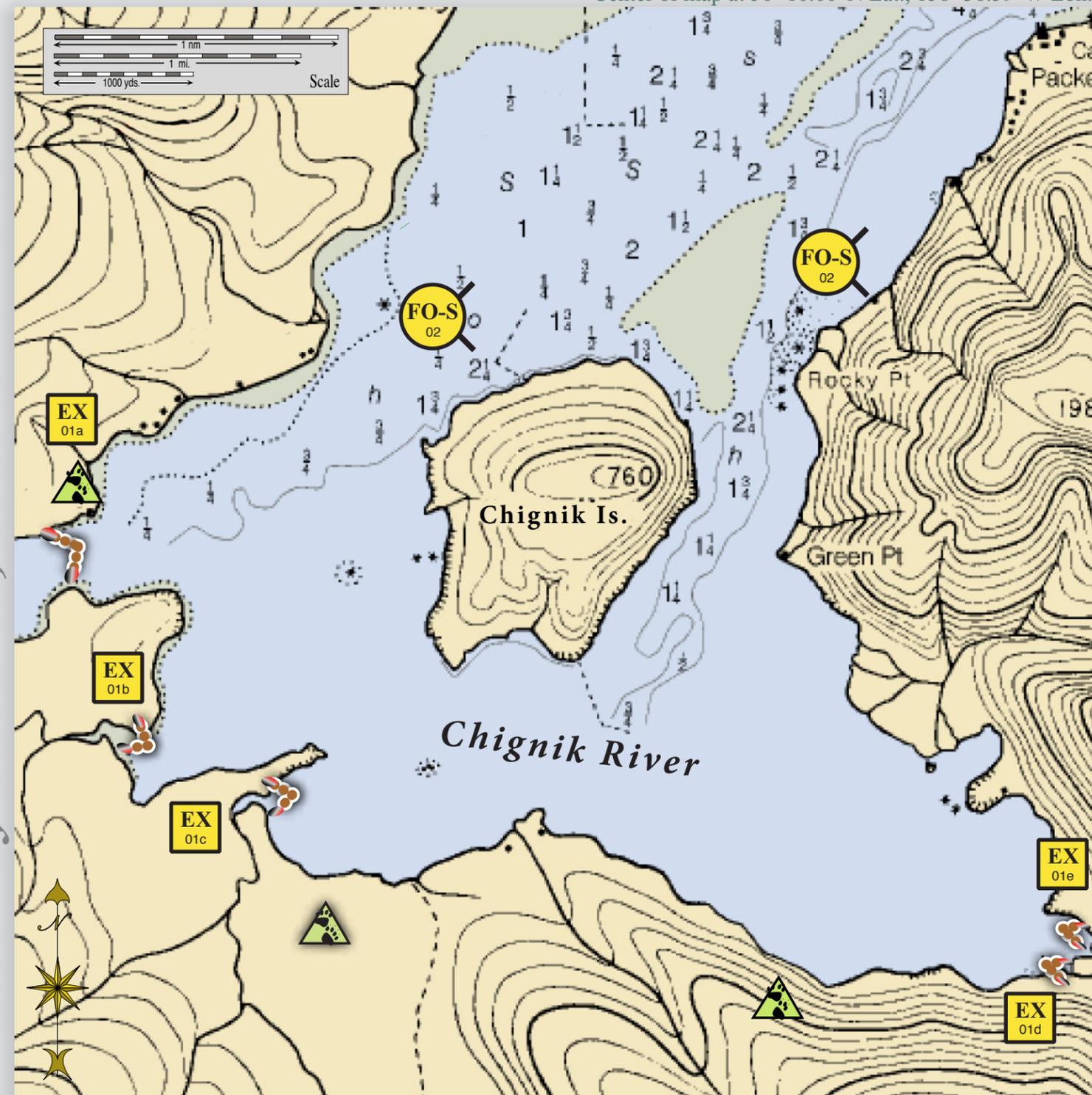
- Free-oil Recovery
- Exclusion Booming
- Fast-water Boom
- Tidal-seal Boom
- Bears in Area, Guards Recommended

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

Geographic Response Strategies for Bristol Bay Subarea, Southern Zone

Chignik River, BB-S07

Center of map at 56° 16.66' N Lat., 158° 38.59' 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-07-01 	<p>Chignik River</p> <p>a. Lat. 56° 16.66'N Lon. 158°38.80'W</p> <p>b. Lat. 56° 15.99'N Lon. 158°38.54'W</p> <p>Metrofania Creek</p> <p>c. Lat. 56° 15.72'N Lon. 158°37.51'W</p> <p>Mallard Duck Creek</p> <p>d. Lat. 56° 15.15'N Lon. 158°31.93'W</p> <p>e. Lat. 56° 15.27'N Lon. 158°31.80'W</p>	<p>Exclusion</p> <p>Exclude oil from impacting the streams in Chignik Lagoon.</p>	<p>Deploy anchors and boom with skiffs (class 6) at high tide.</p> <p>Place fast-water boom in a chevron pattern in front of the entrance to the river and streams. Complete the array by placing 60 ft. of tidal seal boom on each leg.</p> <p>Tend throughout the tide.</p> <p>Boom Length:</p> <p>a. 1800 ft.</p> <p>b. 350 ft.</p> <p>c. 400 ft.</p> <p>d. 300 ft.</p> <p>e. 300 ft.</p>	<p>Deployment</p> <p>Equipment</p> <p>3150 ft. fast-water boom 600 ft. tidal seal boom 15 ea. anchor systems 20 ea. anchor stakes</p> <p>Vessels</p> <p>1 ea. class 3 2 ea. class 6</p> <p>Personnel/Shift</p> <p>7 ea. vessel crew/general techs</p> <p>Tending</p> <p>Vessels</p> <p>1 ea. class 3 2 ea. class 6</p> <p>Personnel/Shift</p> <p>2 ea. vessel crew/general techs</p>	Chignik	<p>Via marine waters</p> <p>Chart 16566</p>	<p>Fish- intertidal spawning-salmon (June-Sept.)</p> <p>Birds-waterfowl, seabird and shorebird nesting, waterfowl concentration</p> <p>Marine mammals- sea otters</p> <p>Habitat- exposed rocky shore, marsh, exposed tidal flats, kelp beds</p> <p>Human use-subsistence, commercial fishing</p>	<p>Vessel master should have local knowledge.</p> <p>A large population of bears are in the area. Bear guard required.</p> <p>Title 41 permitting required from ADN.R.</p> <p>THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE. Discuss with DOI prior to on-site operations.</p> <p>Surveyed: not yet</p> <p>Tested: not yet</p>
S-07-02 	<p>Chignik & Mud Bays</p> <p>Nearshore waters in the general area of:</p> <p>Lat. 55° 16.66'N Lon. 158°38.59'W</p>	<p>Free-oil Recovery</p> <p>Maximize free-oil recovery in the offshore & nearshore environment of Chignik & Mud Bays depending on spill location and trajectory.</p>	<p>Deploy free-oil recovery strike teams upwind and up current of the Chignik & Mud Bays.</p> <p>Use aerial surveillance to locate incoming slicks.</p>	<p>Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.</p>	Chignik	<p>Via marine waters</p> <p>Chart 16566</p>	<p>Same as S-07-01</p>	<p>Vessel master should have local knowledge.</p> <p>Use extreme caution, shallow waters with shifting channels and bars.</p>

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.