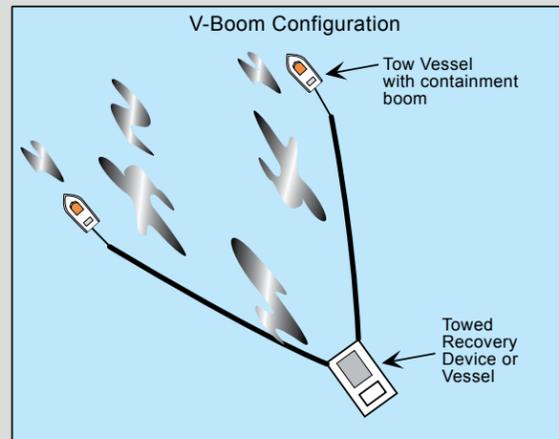
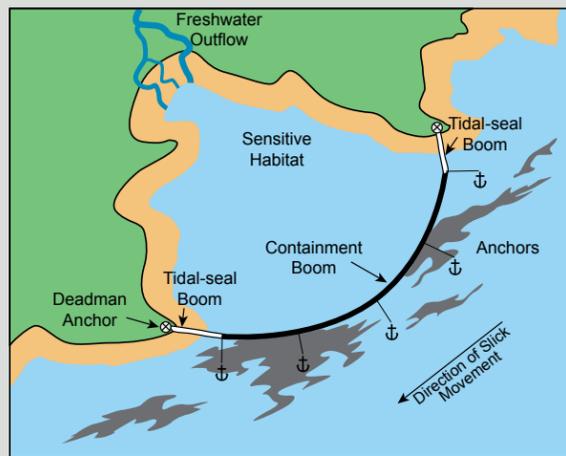


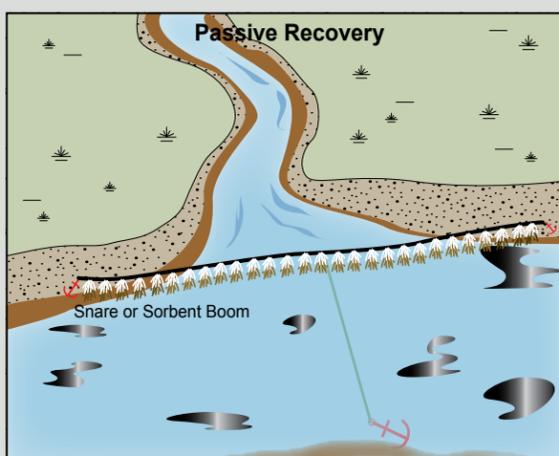
An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



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 *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.

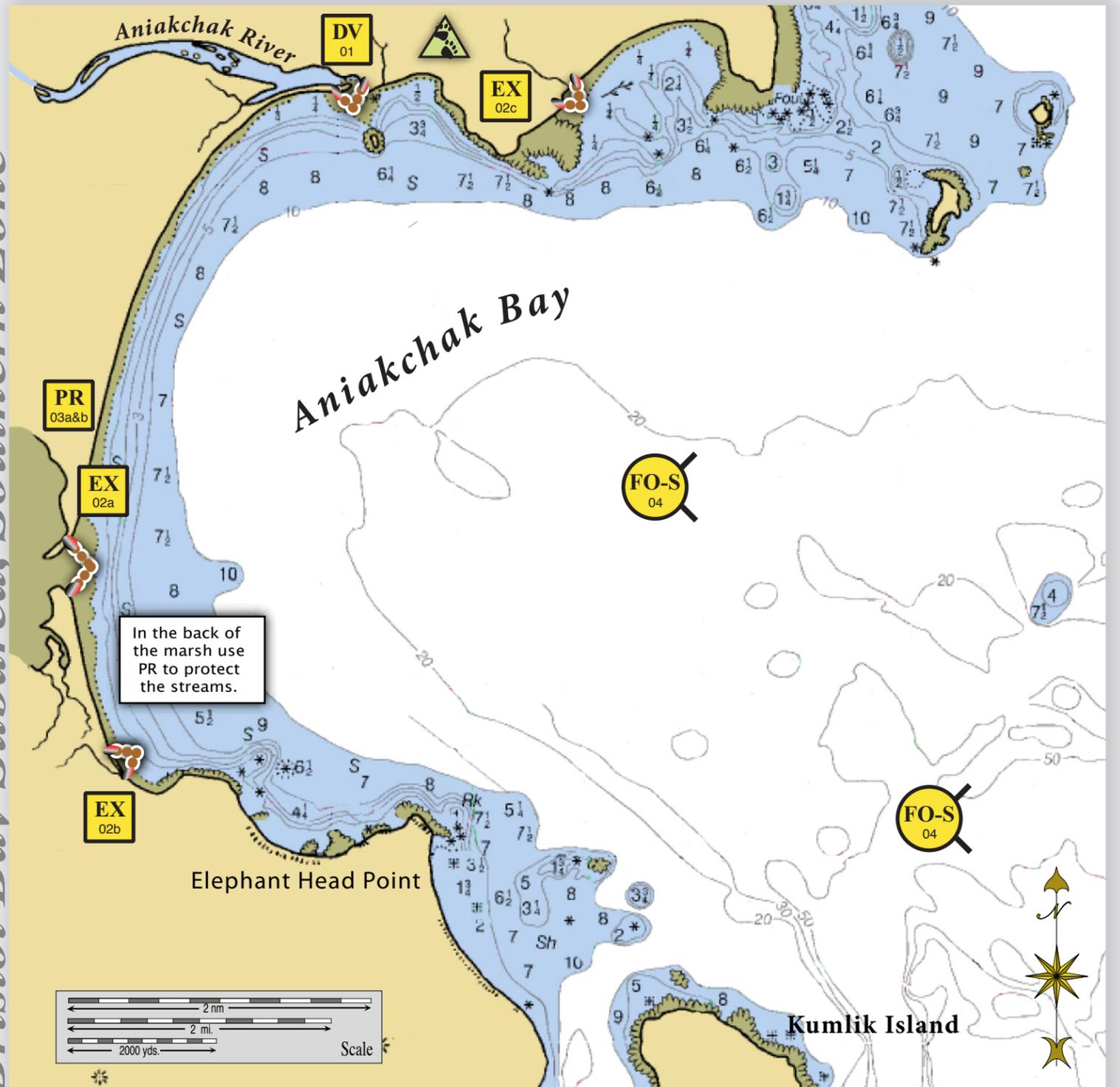
**Map Legend**

FO-S	Free-oil Recovery	SR	Shoreside Recovery
PR	Passive Recovery		Fast-water Boom
EX	Exclusion Booming		Tidal-seal Boom
DV	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.

# Aniakchak Bay, BB-S11

Center of map at 56° 42.84' N Lat., 157° 31.83' W Lon.



This is not intended for navigational use.

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

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-11-01 <b>DV</b>	<b>Aniachak River</b> Lat. 56° 45.79'N Lon. 157°30.61'W	<b>Divert and Collect</b> Divert oil to shore side collection locations on the spit that forms in front of the river.	Deploy anchors and boom with skiffs (class 6).  Cascade 600 ft. of fast-water boom in 300 ft. lengths extending from the spit to the shore 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 Equipment</b> 600 ft. fast-water boom 60 ft. tidal seal boom 5 ea. anchor systems 4 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 Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew/general techs 1 ea. skilled techs	Vessel Platform	Via marine waters  Chart 16568	Fish- intertidal spawning-salmon (June-Sept.)  Birds-waterfowl, seabird and shorebird concentration  Marine mammals – sea otters  Habitat- gravel beaches, marsh  Human use-subsistence, commercial fishing	Vessel master should have local knowledge.  A large population of bears are in the area. Bear guard required.  Title 41 permitting required from ADNR.  THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE. Discuss with DOI prior to on-site operations.  Surveyed: not yet  Tested: not yet
S-11-02 <b>EX</b>	<b>Aniachak Bay</b> a. Lat. 56° 42.47'N Lon. 157°33.63'W b. Lat. 56° 40.46'N Lon. 157°32.36'W c. Lat. 56° 45.66'N Lon. 157°26.88'W	<b>Exclusion</b> Exclude oil from impacting the streams in Aniachak 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 streams. Complete the arrays by placing 60 ft. of tidal seal boom on each leg.  Tend throughout the tide.  Boom Length: a. 1500 ft b. 350 ft c. 300 ft	<b>Deployment Equipment</b> 2150 ft. fast-water boom 360 ft. tidal seal boom 10 ea. anchor systems 12 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as S-11-01 <b>Tending Vessels/Personnel/Shift</b> Same as S-11-01	Vessel Platform	Via marine waters  Chart 16568	Same as S-11-01	Vessel master should have local knowledge.  Surveyed: not yet  Tested: not yet
S-11-03 <b>PR</b>	<b>Aniachak Bay</b>  Black Creek a. Lat.56° 43.36'N Lon.157°05.97'W  Wolverine Creek b. Lat.56° 41.39'N Lon.157°34.04'W	<b>Passive Recovery</b> Survey the area prior to deployment. Place passive recovery across entrances to the identified streams in the Aniachak Bay Lagoon.	Place and anchor snare line or sorbent boom across the streams in Aniachak Bay.  Replace as necessary to maximize the recovery.  Boom Length: a. 250 ft b. 200 ft	<b>Deployment Equipment</b> 450 ft. snare line or sorbent boom 2 ea. anchor systems 4 ea. anchor stakes systems <b>Vessels/Personnel/Shift</b> Same as S-11-01 <b>Tending Vessels/Personnel/Shift</b> Same as S-11-01	Vessel Platform	Via marine waters  Chart 16568	Same as S-11-01	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.
S-11-04 <b>FO-S</b>	<b>Aniachak Bay</b> Nearshore waters in the general area of:  Lat. 56° 42.84'N Lon. 157°31.83'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Aniachak Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Aniachak Bay.  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 16568	Same as S-11-01	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).