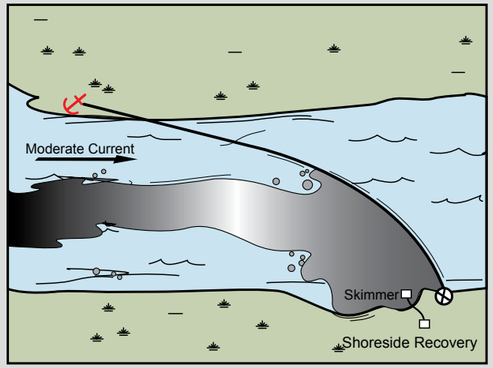
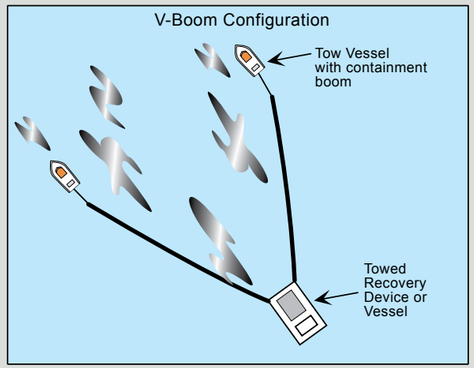
Geographic Response Strategies for *Western Alaska Subarea, Northern Zone*

Bugomowik Pass & Emmonak Slough, WAK-N02

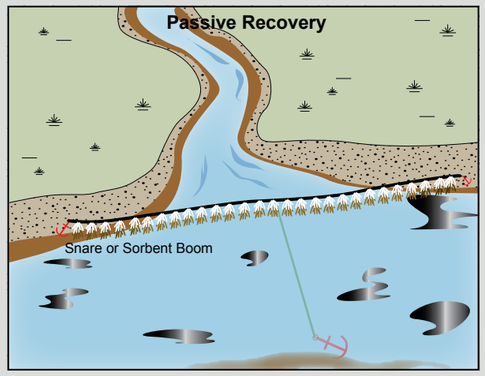
Center of map at 62° 57.09' N Lat., 164° 47.37' W Lon.



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

This is not intended for navigational use.

Map Legend

- FO-S — Free-oil Recovery
- DV — Diversion Booming
- PR — Passive Recovery
- SR — Shoreside Recovery
- Fast-water Boom
- Snare or Sorbent Boom
- Tidal-seal Boom

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
N-02-01 **DV**	**Bugomowik Pass** Lat. 62º 56.41'N Lon. 164º44.40'W	**Divert and Collect** Divert oil to shore side collection location on the shore of Bugomowik Pass.	Deploy anchors and boom with skiffs (class 6). Cascade in 300 ft sections of fast-water boom at the proper angle to divert incoming oil to the collection site. Complete the array with 60 ft. of tidal seal boom. Set up shore-side recovery and tend throughout the tide.	**Deployment** **Equipment** 600 ft. fast-water boom 60 ft. tidal seal boom 3 ea. anchor systems 4 ea. anchor stakes 1 ea. shore-side recovery systems **Vessels** 2 ea. class 6 **Personnel/Shift** 4 ea. vessel crew/general techs 2 ea. response techs **Tending** **Vessels** 1 ea. class 6 **Personnel/Shift** 2 ea. vessel crew/general techs 2 ea. skilled tech	Emmonak	Via marine waters Chart 16240-1	Fish- intertidal spawning-salmon (June-Sept.), arctic char, sheefish, white fish Birds-waterfowl and shorebird concentration Habitat- exposed tidal flats, peat shoreline, marsh Human use-subsistence	Vessel master should have local knowledge. Use appropriate measures as outlined in the STAR manual to protect the shoreline. 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
N-02-02 **PR**	**Bugomowik Pass & Emmonak Slough** a. Lat. 62º 59.33'N Lon. 164º43.80'W b. Lat. 62º 59.33'N Lon. 164º43.80'W c. Lat. 62º 57.85'N Lon. 164º45.77'W d. Lat. 62º 57.05'N Lon. 164º45.92'W e. Lat. 62º 56.32'N Lon. 164º47.42'W **f.** Lat. 62º 55.70'N Lon. 164º47.86'W	**Passive Recovery** Survey and identify the drainages from the tundra prior to deployment. Place passive recovery across the channels of the streams and drainages in the area near Bugomowik Pass & Emmonak Slough.	Place and anchor snare line or sorbent boom across the channels of streams in Bugomowik Pass & Emmonak Slough. Replace as necessary to maximize the recovery.	**Deployment** **Equipment** 1100 ft. snare line or sorbent boom 6 ea. small anchor systems 12 ea. anchor stakes (Adjust equipment to reflect survey findings) **Vessels/Personnel/Shift** Same as N-02-01 **Tending** **Vessels/Personnel/Shift** Same as N-02-01	Emmonak	Via marine waters Chart 16240-1	Same as N-02-01	Vessel master should have local knowledge.
N-02-03 **FO-S**	**Bugomowik Pass & Emmonak Slough** Nearshore waters in the general area of: Lat. 62° 57.09'N Lon. 164°47.37'W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Bugomowik Pass & Emmonak Slough depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Bugomowik Pass & Emmonak Slough. 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.	Emmonak	Via marine waters Chart 16240-1	Same as N-02-01	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 Western Alaska Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_wak.htm.