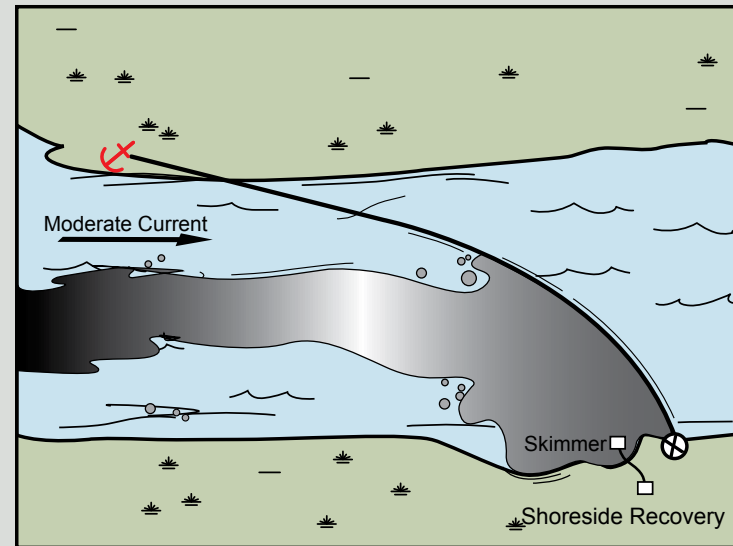


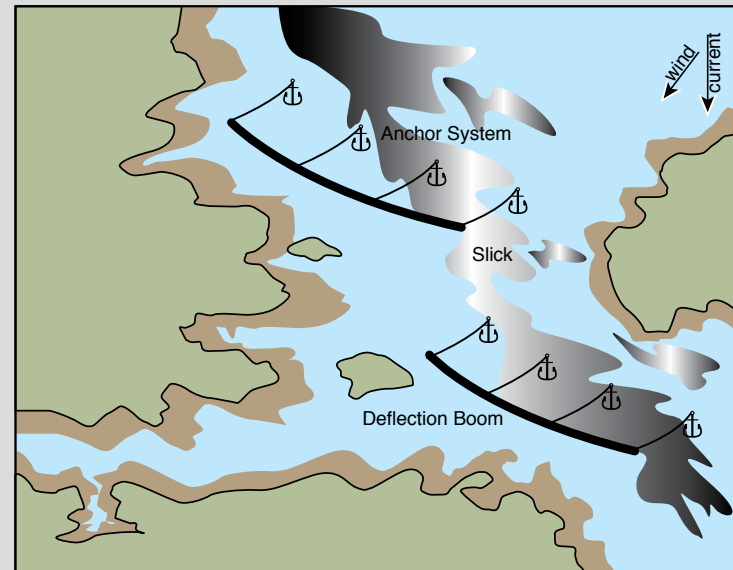
# Kotzebue/Pipe Spit, NWA-N17

Center of map at 66° 56'41" N Lat., 162° 28'59" W Lon.

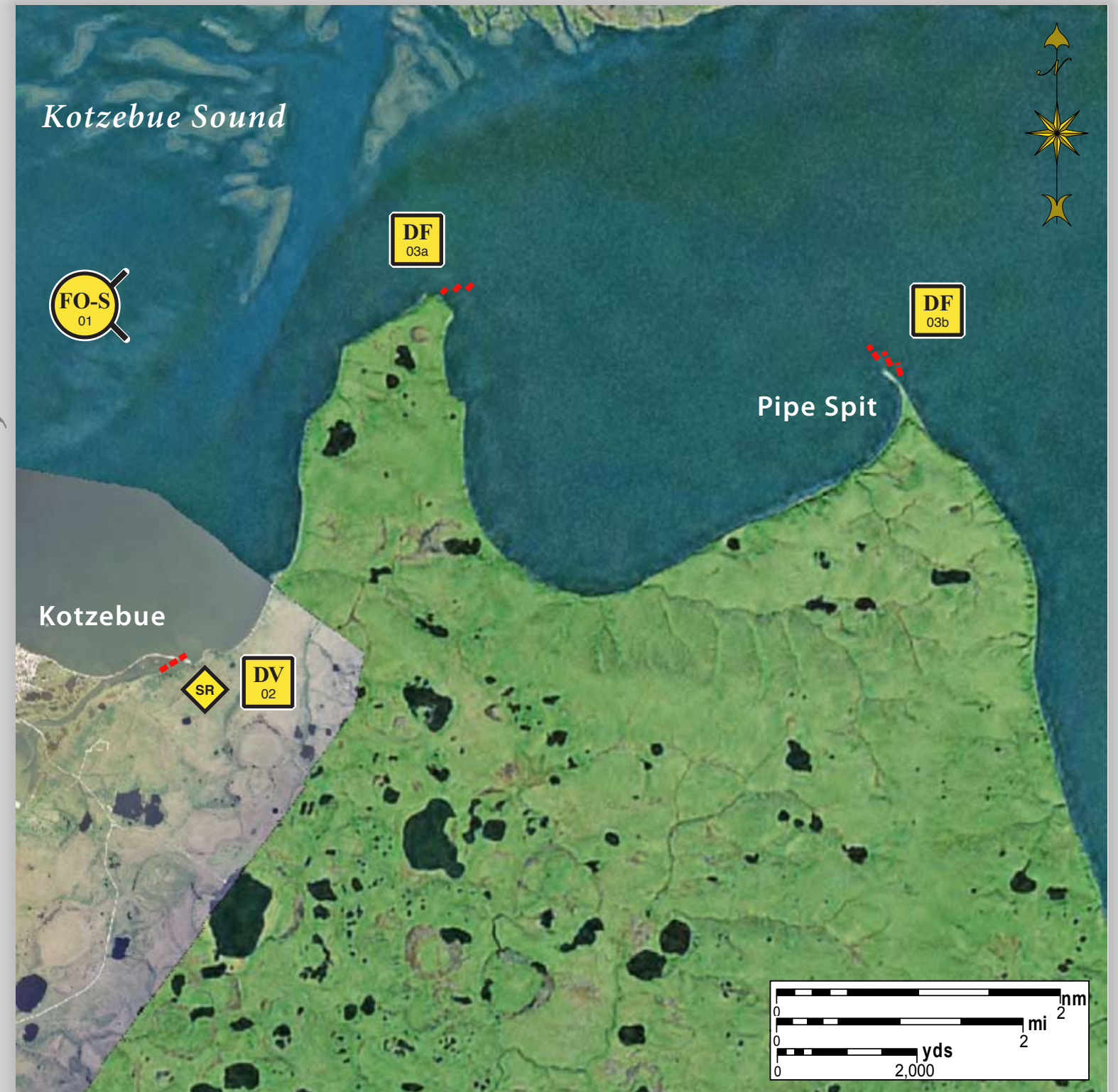
## Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone



An example of the **Diversion 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.






This is not intended for navigational use.

### Map Legend

- |  |                    |  |                                   |
|--|--------------------|--|-----------------------------------|
|  | Free-oil Recovery  |  | Shoreside Recovery                |
|  | Deflection Booming |  | Protected-water 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.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-17-01 	<b>Kotzebue Lagoon</b> Nearshore waters in the general area of: Lat. 66° 55.2 N Lon. 162°34.0 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Kotzebue Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Kotzebue Lagoon.  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.	Kotzebue	Via marine waters Chart 16005	Same as N-17-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
N-17-02 	<b>Kotzebue Lagoon</b> Lat. 66° 54.13 N Lon. 162°32.39 W	<b>Divert and Collect</b> Divert oil to shore-side collection point determined by spill source and trajectory.	Site is accessible by trail and beach from Kotzebue.  Deploy anchors and boom with skiffs (class 6).  Across the main entrance to the lagoon system, place protected-water boom at proper angle to divert incoming oil to the collection site on the beach.  Set-up collection site using shore-side collection unit or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil.  Tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 650 ft. protected-water boom 3 ea. small anchor systems 4 ea. anchor stakes 200 ft. snare line or sorbent boom or 1 ea. shore-side collection units <b>Vessels</b> 2 ea. class 6 <b>Personnel/Shift</b> 4 ea. vessel crew 2 ea. response techs <b>Tending</b> <b>Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew 1 ea. response tech	Kotzebue	Via marine waters Chart 16605	Fish- herring spawning  Birds-waterfowl concentration, shorebird concentration, seabird nesting  Marine mammals- Spotted Seals  Habitat- marsh, gravel beaches  Commercial fishing	Vessel master should have local knowledge.  REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist.  Take appropriate measures as outlined in the STAR Manual to protect the beach at the collection site.  Site surveyed: Not surveyed.  Tested: not yet
N-17-03 	<b>Pipe Spit</b> a. Lat. 66° 57.00 N Lon. 162°27.88 W  b. Lat. 66° 56.95 N Lon. 162°20.13 W	<b>Deflection</b> Deflect oil coming towards Pipe Spit and back into the channel for free-oil recovery.  If natural deflection is sufficient for Free-oil Recovery, deployment is not necessary.	Transport equipment to site by ATVs and Trailers.  For each array deploy with class 6 skiffs 3 x 300 ft. sections of protected-water boom in a cascaded pattern.  Position booms at a proper angle to deflect oil from Pipe Spit.  Tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 1800 ft. protected-water boom 18 ea. anchor systems <b>Vessels/Personnel/Shift</b> Same as N-17-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as N-17-02	Kotzebue	Via marine waters Chart 16605	Same as N-17-02	Vessel master should have local knowledge.  Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.  Site surveyed: Not surveyed.  Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: [http://dec.alaska.gov/spar/perp/plans/scp\\_nwa.htm](http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm).