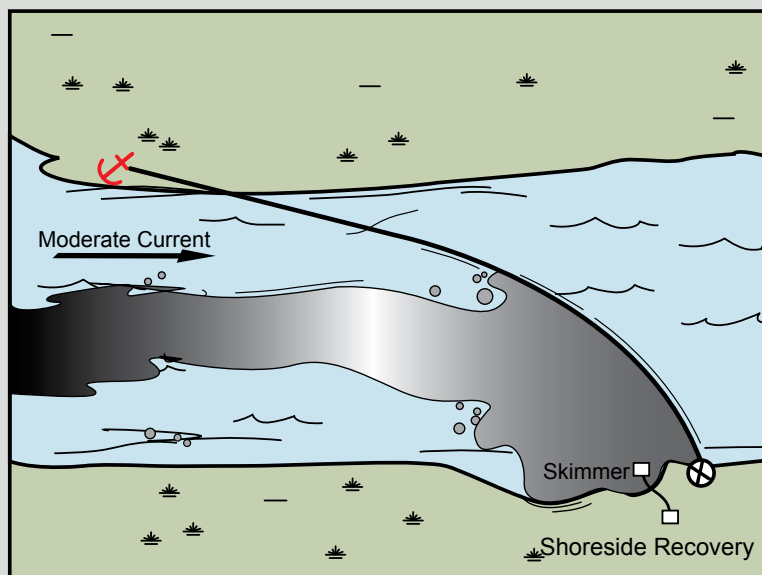


An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.



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

Map Legend

	Free-oil Recovery		Protected-water Boom
	Passive Recovery		Snare or Sorbent Boom
	Diversion Booming		Bears in Area, Guards Recommended
	Shoreside Recovery		

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

Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone

Cowpack Inlet, NWA-S01

Center of map at 66° 32'18" N Lat., 164° 43'28" 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-01-01 FO-S	Cowpack Inlet Nearshore waters in the general area of: Lat. 66° 33.1 N Lon. 164°51.8 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Cowpack Inlet depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Cowpack Inlet. 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.	Shishmaref	Via marine waters Chart 16005	Same as S-01-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
S-01-02 DV	Cowpack Inlet Lat. 66° 32.09 N Lon. 164°43.23 W	Divert and Collect Divert oil to shore-side collection points determined by spill source and trajectory. Barrier beach may have breached in different locations. Aerial survey recommended prior to deployment. Adjust equipment requirements to reflect additional breaches.	Deploy anchors and boom with skiffs (class 6). Place protected-water boom at proper angle to divert incoming oil to the collection site. Set-up collection site using shore-side collection units or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil. Tend throughout the tide.	Deployment Equipment 1700 ft. protected-water boom 8 ea. anchor systems 4 ea. anchor stakes 2 ea. shore-side collection units Vessels 1 ea. class 3 1 ea. class 6 1 ea. helicopter (if needed for S-01-03) Personnel/Shift 5 ea. vessel crew 2 ea response techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew 1 ea response tech	Vessel Platform	Via marine waters Chart 16005	Fish- herring spawning, rainbow smelt, saffron cod Birds- waterfowl concentration area, seabird concentration, shorebird concentration Marine mammals- seal, polar bear Habitat- marsh, , sheltered rocky shore, gravel beaches, low lying inundated tundra	Vessel master should have local knowledge. The lagoons on this coast are interconnected. Consider excluding the channels connecting them if oil enters a lagoon. Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site. FOSC Historic Properties Specialist should MONITOR on-site operations. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. Site Survey: not surveyed Tested: not yet
S-01-03 PR	Cowpack Inlet a. Lat. 66° 23.25 N Lon. 164°59.95 W b. Lat. 66° 29.44 N Lon. 164°48.52 W	Passive Recovery If oil is observed past the exclusion locations, or storms threaten to breach the barrier beach, place passive recovery across the channels of the streams flowing into Cowpack Inlet.	Place and anchor snare line or sorbent boom across the channels of streams in Cowpack Inlet. The lagoon is very shallow. Helicopter deployment or use of a shallow draft vessel with a local operator is recommended. Replace as boom necessary to maximize the recovery.	Deployment Equipment 1800 ft. snare line or sorbent boom 9 ea. anchor systems 8 ea. anchor stakes Vessels/Personnel/Shift Same as S-01-02 Tending Vessels/Personnel/Shift Same as S-01-02	Vessel platform	Via marine waters Chart 16005	Same as S-01-02	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations. Survey: not yet 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.