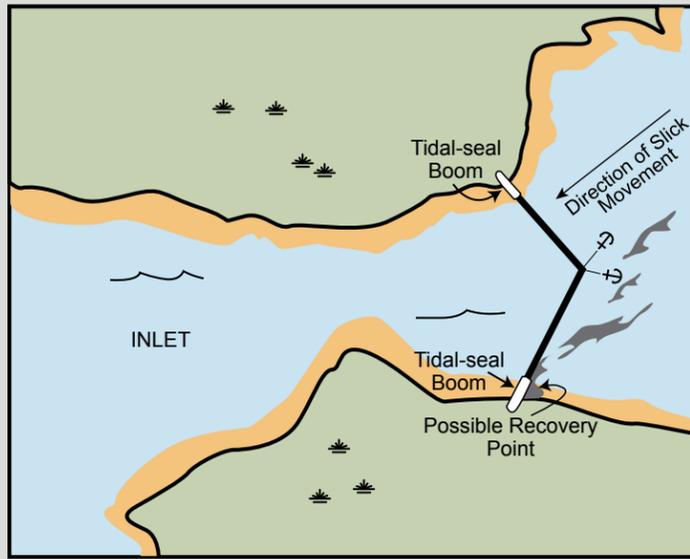


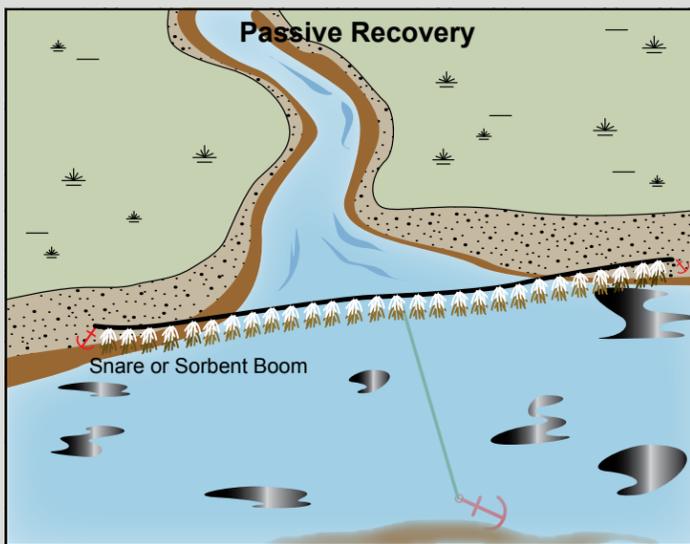
Head of Golovnin Lagoon, NWA-S42

Center of map at 64° 36.77' N Lat., 163° 16.00' W Lon.

Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone



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

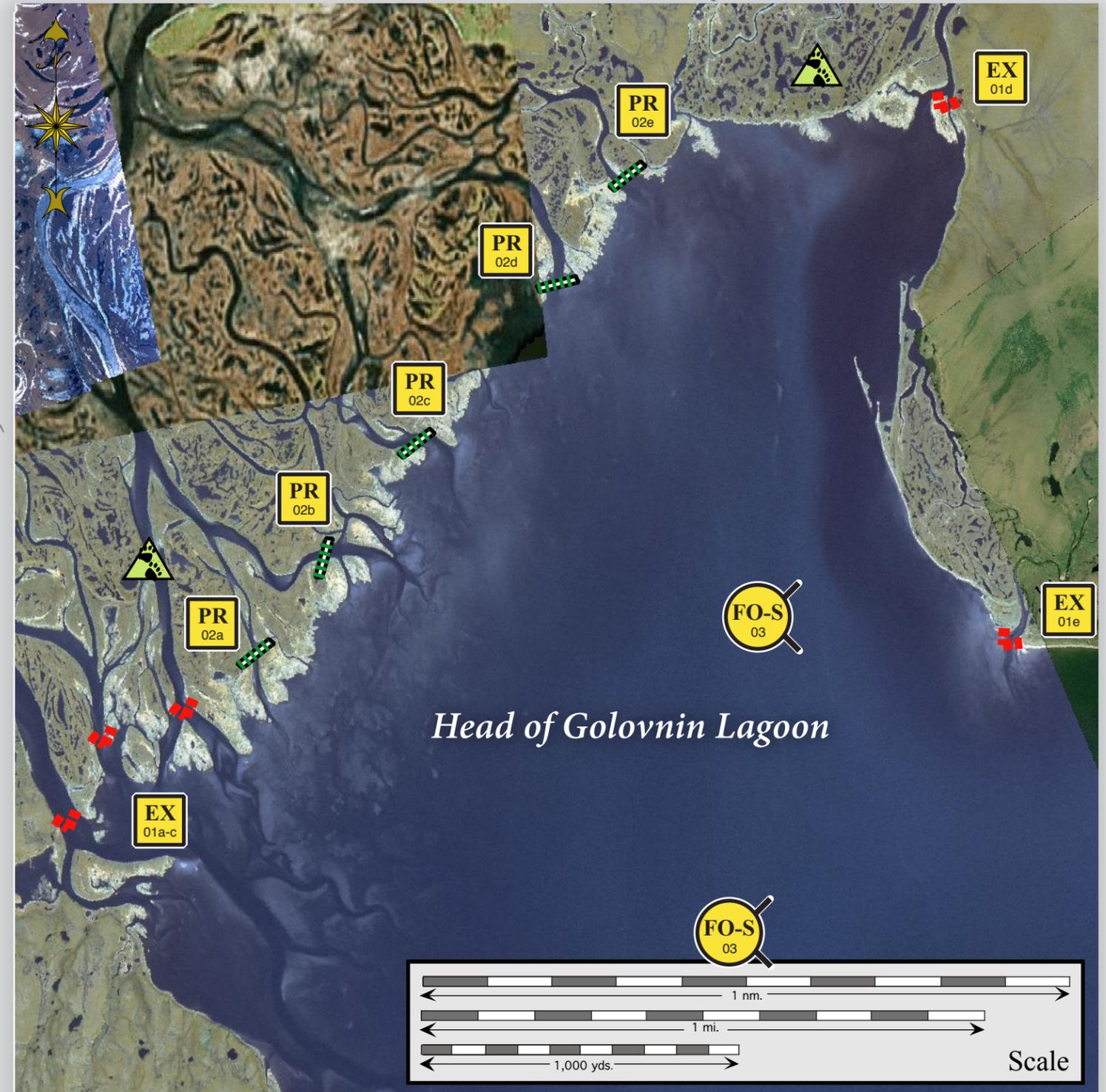


An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

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

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



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-42-01 EX	Head of Golovnin Lagoon a. Lat. 64° 35.06'N Lon. 163°21.22'W b. Lat. 64° 35.37'N Lon. 163°21.00'W c. Lat. 64° 35.47'N Lon. 163°19.48'W d. Lat. 64° 38.55'N Lon. 163°07.53'W e. Lat. 64° 36.07'N Lon. 163°06.47'W	Exclusion Exclude oil from entering the Lagoon area at the Head of Golovnin Lagoon.	Deploy anchors and boom with skiffs (class 6). Place 500 ft. of protected-water boom in a chevron pattern in front of the entrance to the lagoon. If the sea state does not allow this deployment, move to inside the entrance until the boom is able to hold. Tend throughout the tide. <u>Boom Lengths:</u> a. 900 ft. b. 600 ft. c. 400 ft. d. 400 ft. e. 300 ft.	Deployment Equipment 2600 ft. protected-water boom 13 ea. anchor systems 20 ea. anchor stakes Vessels 3 ea. class 6 Personnel/Shift 6 ea. vessel crew 3 ea. response techs Tending Vessels 2 ea. class 6 Personnel/Shift 5 ea. vessel crew	Golovin	Via marine waters Chart 16200_1	Fish- chum salmon, coho salmon, spawning herring, dolly varden, white fish, pink salmon Birds- waterfowl concentration, shorebird concentration, seabird nesting Habitat- marsh, low lying tundra Human Use: commercial fishing, subsistence	Vessel master should have local knowledge. Consult the ADEC "Spill Tactics for Alaska Responders" manual for additional information on the deployment of these tactics. Consult the Site Selection Matrix for the Cultural Resources Designation. Consult with Incident Command to ensure ADFG-Title 16 and ADNR-Title 41 permits have been obtained. Survey: not yet Tested: not yet
S-42-02 PR	Head of Golovnin Lagoon a. Lat. 64° 36.05'N Lon. 163°18.37'W b. Lat. 64° 36.36'N Lon. 163°17.27'W c. Lat. 64° 37.09'N Lon. 163°15.58'W d. Lat. 64° 38.05'N Lon. 163°13.47'W e. Lat. 64° 38.31'N Lon. 163°12.52'W	Passive Recovery The lagoon is closed to direct ocean access. If storms threaten to breach the barrier beach, deploy passive recovery across the channel of the streams in the Head of Golovnin Lagoon. The lagoon may not be accessible with skiffs. Helicopter deploy when not accessible.	Place and anchor snare line or sorbent boom across the channels of streams in Head of Golovnin Lagoon. Replace as necessary to maximize the recovery.	Deployment Equipment 300 to 1000 ft. snare line or sorbent boom per site. 10 ea. anchor systems 10 ea. anchor stakes Vessels/Personnel/Shift Same as S-42-01 Tending Vessels/Personnel/Shift Same as S-42-01	Golovin	Via marine waters or helicopter Chart 16200_1	Same as S-42-01	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations.
S-42-03 FO-S	Head of Golovnin Lagoon Nearshore waters in the general area of: Lat. 64° 35.18 N Lon. 163°12.41 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Head of Golovnin Lagoon area depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Head of Golovnin Lagoon area. 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.	6.5 nm to Golovin	Via marine waters Chart 16200_1	Same as S-42-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.

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.