







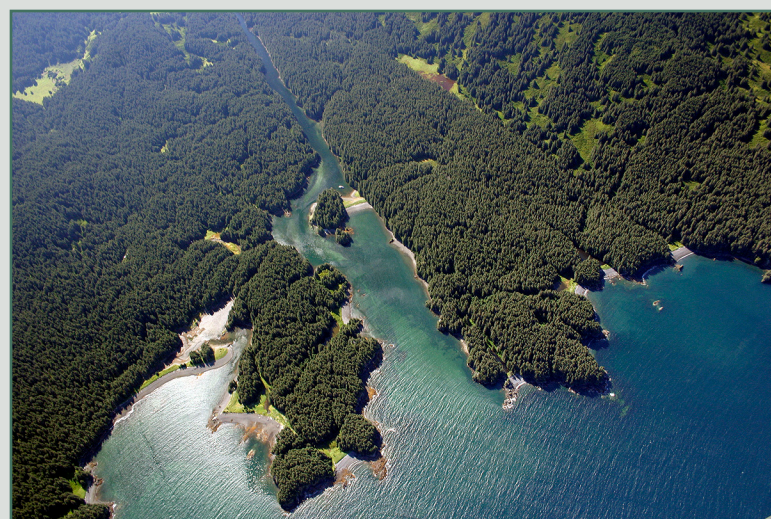


# Map & Photo Legend



Paramanof Bay viewed from the west.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Diversion Booming
-  Protected-water Boom
-  Tidal-seal Boom
-  Shoreline Recovery
-  Floating Cabin
-  Bears in Area, Guards Recommended

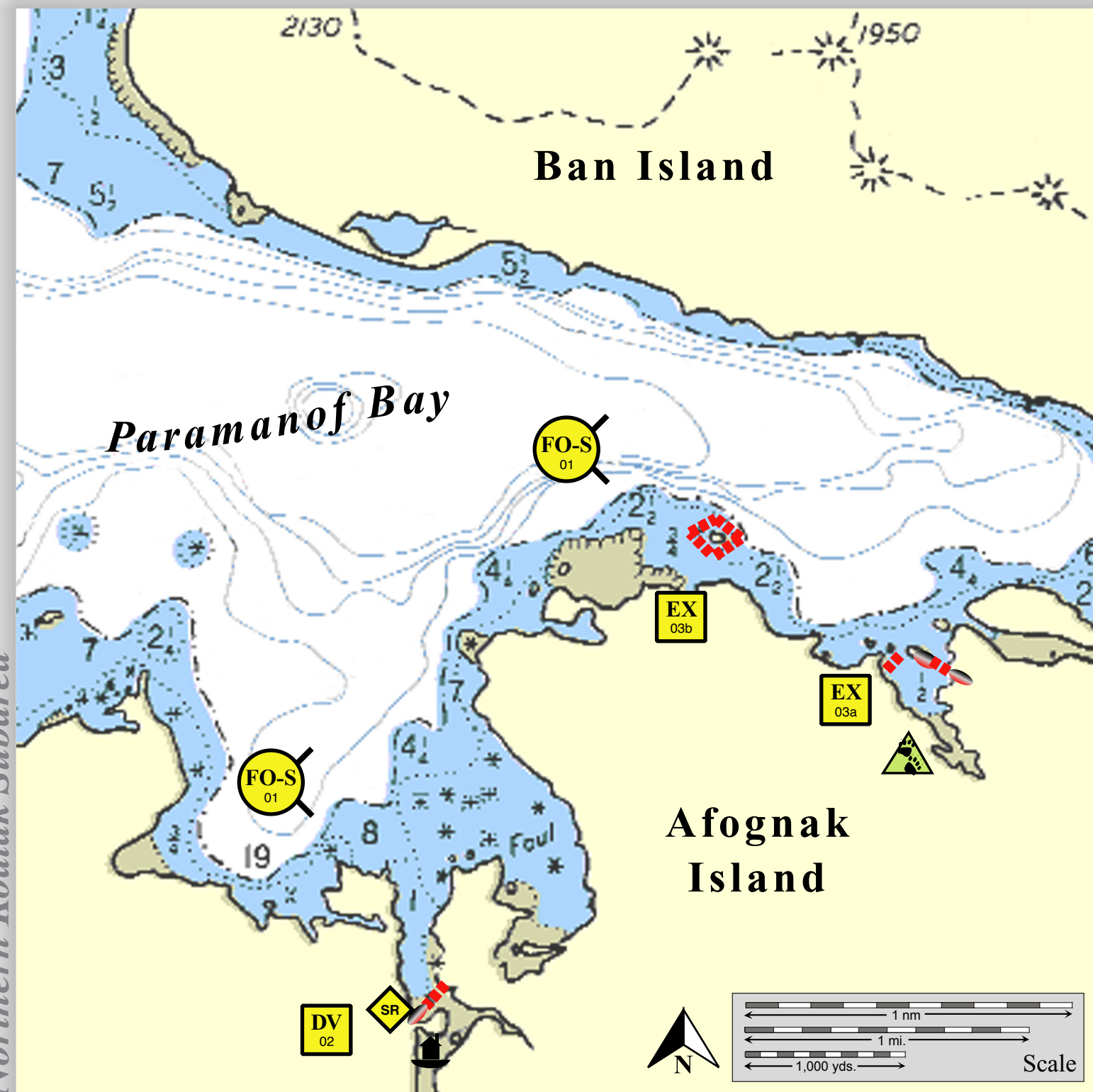


Paramanof Bay DV-02  
viewed from the north.

## Geographic Response Strategies for Northern Kodiak Subarea




### Paramanof Bay, K-38

Center of map at 57° 17.3' N Lat., 152° 53.8' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-38-01 	<b>Paramanof Bay</b> Nearshore waters in the general area of:  Lat. 58° 17.9 N Lon. 152°55.4 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Paramanof Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Paramanof 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.	Port Lions/Kodiak via Kodiak Hwy and Anton Larsen Bay	Via marine waters  Chart 16604-1	Same as K-38-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
K-38-02 	<b>Paramonof Bay</b> Lat. 58° 15.89 N Lon. 152°52.64 W	<b>Divert and Collect</b> Divert oil to shore-side collection points determined by spill source and trajectory.	Deploy anchors and boom with skiffs (class 6).  Place protected-water boom at proper angle to divert incoming oil to the collection site. Place 50 ft. tidal-seal on the southern shore.  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 Equipment</b> 1000 ft. calm-water boom 50 ft. tidal-seal boom 5 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> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew 2 ea. response techs <b>Tending Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew 2 ea. response tech	Vessel platform  A cabin in Paramonof Bay owned by the Afognak Native Corp. may provide logistic support and lodging for responders.	Via marine waters  Chart 16604-1	Fish- intertidal spawning-salmon (May-Sept.),herring (April-May)  Birds-eagle nesting, seabird nesting, waterfowl concentrations  Marine mammals- seals, otters  Habitat- marsh, sheltered rocky shoreline, sheltered tidal flats, gravel beach  Human use- subsistence, high recreation use, commercial fishing	Vessel master should have local knowledge.  Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site.  A large bear population is in the area; bear guard may be necessary.  FOSC Historic properties specialist should INSPECT site prior to operations.  Title 41 permit may be required from ADNR.  Tested: not yet
K-38-03 	<b>Paramanof Bay</b> a. Lat. 58° 17.10 N Lon. 152° 50.68 W  b. Lat. 58° 17.51 N Lon. 152° 51.81 W	<b>Exclusion</b> Exclude oil from impacting the identified stream, intertidal area and island in Paramanof Bay.  Due to the exposed environment EX-03b should only be deployed in optimal conditions during seabird nesting season(May-Aug.).	Deploy anchors and boom with skiffs (class 6).  For (a) use the small island in the center of the cove entrance for anchor points. On the western side exclude using 600 ft. protected-water boom. On the eastern side use two 60 ft. sections of tidal seal on each shoreline and 350 ft. protected-water boom to complete the exclusion.  For (c) exclude the small island with 2000 ft. protected-water boom.  Tend throughout the tide.  <u>Boom Lengths:</u> a. 950 ft. protected-water boom 240 ft. tidal-seal boom b. 2000 ft. protected-water boom	<b>Deployment Equipment</b> 2950 ft. protected-water boom 240 ft. tidal-seal boom 15 ea. small anchor systems 12 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as K-38-02 <b>Tending Vessels/Personnel/Shift</b> Same as K-38-02	Vessel platform	Via marine waters  Chart 16604-1	Same as K-38-02	Vessel masters should have local knowledge.  Title 41 permitting required from ADNR.  Site surveyed: 7/23/05 KGRS Tactics Committee.  Tested: not yet