

# Map & Photo Legend



Yukuk Bay DF-04 viewed from the south.



Waskanareska Bay DV-02b and EX-03b viewed from the southwest.



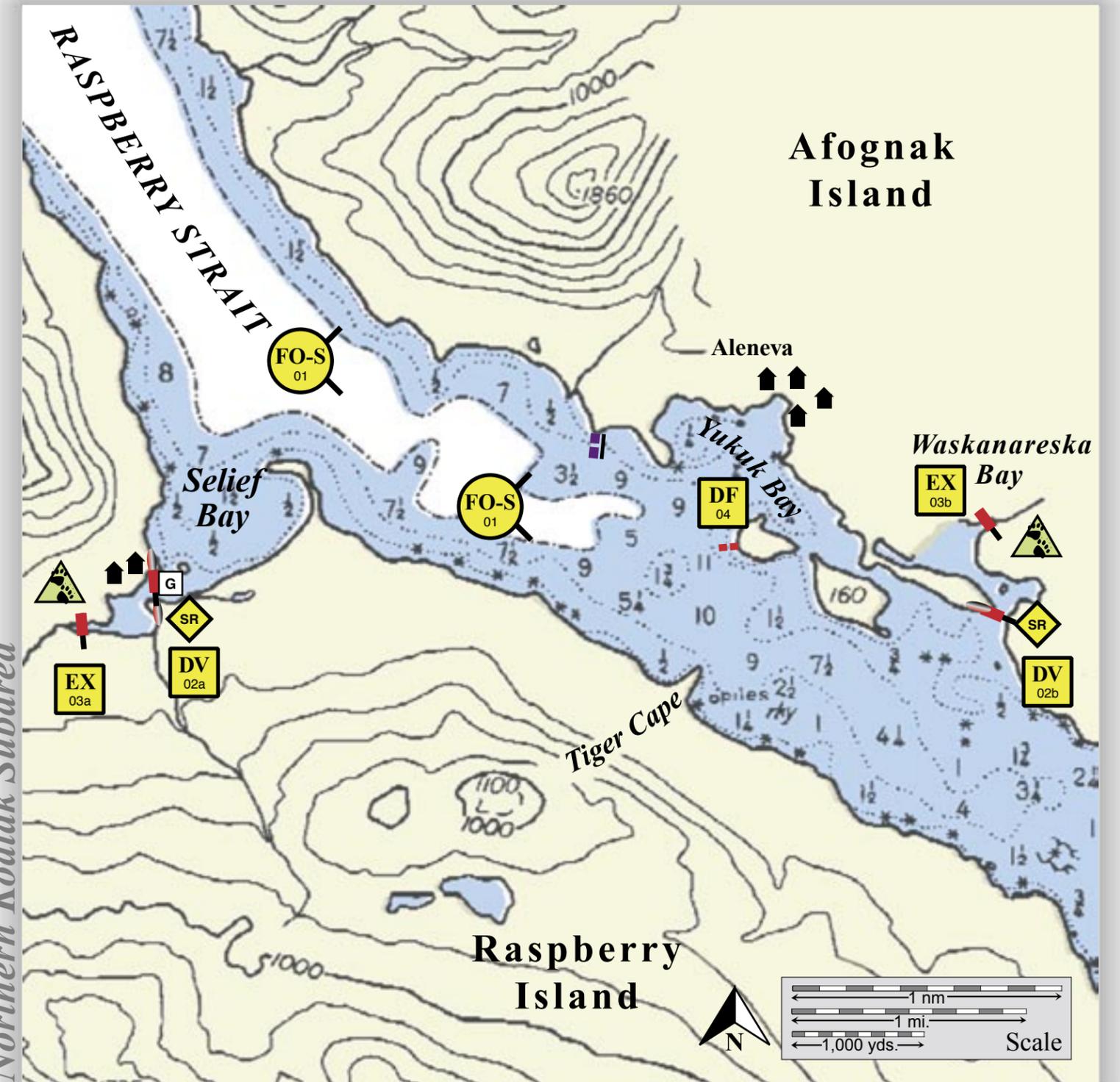
K-36 Selief Bay DV-02a viewed from the northeast.

- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Deflection Booming
- Diversion Booming
- Protected-water Boom
- Protected-water Boom, Flood Tide
- Calm-water Boom
- Tidal-seal Boom
- Shoreside Recovery
- Private Cabins
- Gate
- Bears in Area, Guards Recommended

## Geographic Response Strategies for Northern Kodiak Subarea

# Selief Bay, K-36

Center of map at 58° 02.6' N Lat., 153° 00.8' 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-36-01 	<b>Selief Bay</b> Nearshore waters in the general area of:  Lat. 58° 02.6 N Lon. 153° 02.1 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Raspberry Strait depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Selief and Yukuk Bays.  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/ Port Bailey/ Anton Larsen Bay	Via marine waters  Chart 16594-1	Same as K-36-02	Vessel masters should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
K-36-02 	<b>Selief Bay</b> a. Lat. 58° 01.67 N Lon. 153° 02.77 W  <b>Waskanareska Bay</b> b. Lat. 58° 01.66 N Lon. 152° 56.55 W	<b>Divert and Collect with Gate</b> Divert oil to shore-side collection points determined by spill source and trajectory.	Deploy anchors and boom with skiffs (class 6).  Place calm-water boom at proper angle to divert incoming oil to the collection site. On array (a) place 50 ft. tidal-seal on both shores. For (b), place 200 ft. of tidal-seal on the collection beach.  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.  <u>Boom Lengths:</u> a. 300 ft. calm-water 200 ft. tidal-seal b. 800 ft. calm-water 100 ft. tidal-seal	<b>Deployment Equipment</b> 1100 ft. calm-water boom 300 ft. tidal-seal boom 7 ea. small anchor systems 8 ea. anchor stakes 200 ft. snare line or sorbent boom or 2 ea. shore-side collection units <b>Vessels</b> 1 ea. class 3 2 ea. class 6 <b>Personnel/Shift</b> 7 ea. vessel crew 4 ea. response techs <b>Tending Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew 4 ea. response tech	Vessel platform  The small community of Aleneva on the north side of Raspberry Strait and the Silver Salmon Lodge in Selief Bay may provide support to responders.	Via marine waters  Chart 16594-1	Fish- intertidal spawning- salmon (May-Sept.), herring (April-May), dolly varden  Birds-waterfowl concentration, eagle nesting  Marine mammals- seals, otters  Habitat- marsh, sheltered rocky shoreline, gravel beach  Human use- Subsistence, high recreation use, commercial fishing	Vessel masters should have local knowledge.  Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site.  FOSC Historic properties specialist should INSPECT site prior to operations.  A large bear population exists in the area; bear guard may be necessary.  Title 41 permit may be required from ADNR.  Tested: not yet
K-36-03 	<b>Selief Bay</b> a. Lat. 58° 01.87 N Lon. 152° 56.81 W  <b>Waskanareska Bay</b> b. Lat. 58° 01.57 N Lon. 153° 03.19 W	<b>Exclusion</b> Exclude oil from impacting the identified stream in Selief and Yukuk Bays.	Deploy anchors and boom with skiffs (class 6).  Place calm-water boom across the streams in Selief and Yukuk Bays.  Tend throughout the tide.  <u>Boom Length:</u> a. 120 ft. b. 200 ft.	<b>Deployment Equipment</b> 320 ft. calm-water boom 2 ea. small anchor systems 8 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as K-36-02 <b>Tending Vessels/Personnel/Shift</b> Same as K-36-02	Vessel platform	Via marine waters  Chart 16594-1	Same as K-36-02	Vessel masters should have local knowledge.  Title 41 permitting required from ADNR.  Large bear population in the area, bear guard may be necessary.  Site surveyed: 7/22/05 KGRS Tactics Committee.  Tested: not yet
K-36-04 	<b>Yukuk Bay</b> Lat. 58° 02.23 N Lon. 152° 59.63 W	<b>Deflection</b> Deflect oil away from Yukuk Bay and back into the channel for free-oil recovery.  If natural deflection is sufficient for Free-oil Recovery, deployment is not necessary.	Deploy boom and anchor system with skiffs (class 6).  Position boom at a proper angle to deflect oil from Yukuk Bay. Predeploy anchors to facilitate switching array with the tide.  Tend throughout the tide.	<b>Deployment Equipment</b> 600 ft. protected-water boom 6 ea. small anchor systems <b>Vessels/Personnel/Shift</b> Same as K-36-02 <b>Tending Vessels/Personnel/Shift</b> Same as K-36-02	Vessel platform	Via marine waters  Chart 16594-1	Same as K-36-02	Vessel masters should have local knowledge.  Tested: not yet