

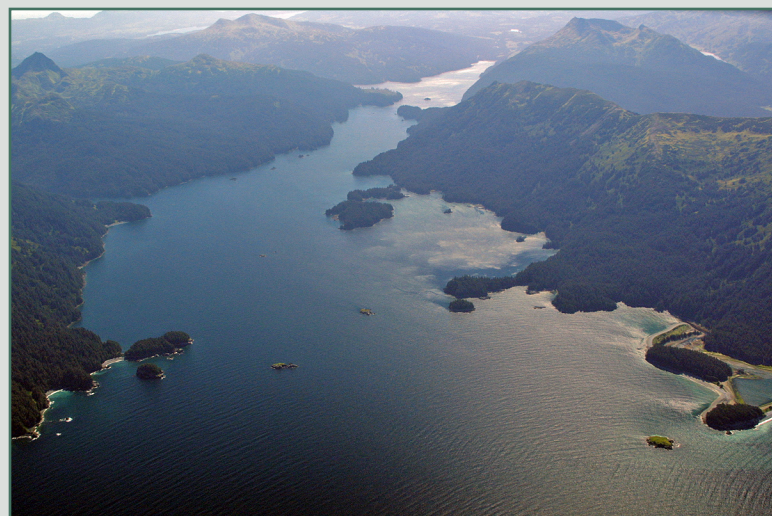
Map & Photo Legend



Foul Bay EX-02c viewed from the west.



Foul Bay, northern arm, viewed from the west.



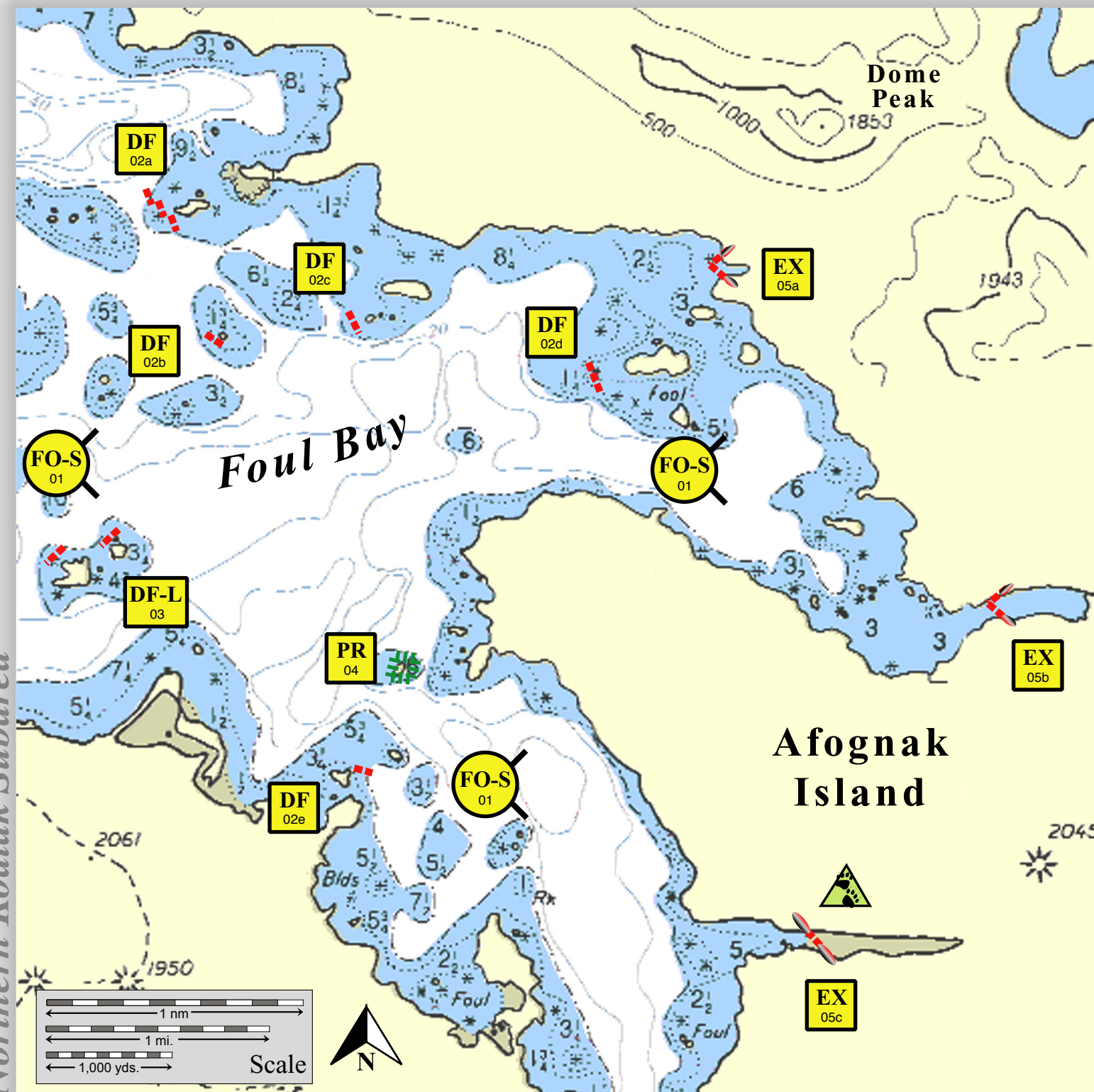
Foul Bay, southern arm, viewed from the northwest.

- FO-S** Free-oil Containment and Recovery, Shallow Water
- EX** Exclusion Booming
- DF** Deflection Booming
- DF-L** Deflection Booming, Live
- PR** Passive Recovery and Collection
- Tidal-seal Boom**
- Protected-water Boom**
- Snare Line**
- Bears in Area, Guards Recommended**

Geographic Response Strategies for Northern Kodiak Subarea

Foul Bay, K-39

Center of map at 57° 21.2' N Lat., 152° 49.1' 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-39-01 	Foul Bay Nearshore waters in the general area of: Lat. 58° 20.9 N Lon. 152°50.1 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Foul Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Foul 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-39-02	Vessel masters should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
K-39-02 	Foul Bay a. Lat. 58° 22.15 N Lon. 152° 50.87 W b. Lat. 58° 21.46 N Lon. 152° 51.41 W c. Lat. 58° 21.67 N Lon. 152° 49.40 W d. Lat. 58° 21.36 N Lon. 152° 47.15 W e. Lat. 58° 19.80 N Lon. 152° 49.42 W	Deflection Deflect oil coming from the northwest away from Foul Bay islands and back into the channel for free-oil recovery. Tactics 39-02, 39-03 and 39-04 are to be deployed seasonally during seabird nesting (May-Aug.) and due to exposure are dependant on sea state conditions.	Deploy boom and anchor system with skiffs (class 6). Position booms at a proper angle to deflect oil from Foul Bay islands. Both (a)& (b) are three 300 ft. cascaded booms. Tend throughout the tide. <u>Boom Lengths:</u> a. 900 ft. b. 600 ft. c. 600 ft. d. 900 ft. e. 600 ft.	Deployment Equipment 3600 ft. protected-water boom 18 ea. small anchor systems 2 ea. anchor stakes Vessels 1 ea. class 3 3 ea. class 6 Personnel/Shift 9 ea. vessel crew Tending Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew	Vessel platform	Via marine waters Chart 16604-1	Fish- intertidal spawning-salmon (May-Sept.),herring (April-May) Birds-waterfowl concentration, eagle nesting, seabird nesting Marine mammals- seals, otters Habitat- sheltered tidal flats, sheltered rocky shoreline, gravel beaches	Vessel masters should have local knowledge. This strategy can only be used in calm and moderate conditions due to the exposure and the numerous navigational hazards. Tested: not yet
K-39-03 	Foul Bay Lat. 58° 20.81 N Lon. 152°51.67 W	Deflection-Live Using fishing vessels to hold the boom in place, deflect oil from the identified islands and back into the channel for free-oil recovery	Place boom in 2 cascaded sections and hold in place with fishing vessels (Class 3). Position booms at a proper angle to deflect oil from Foul Bay islands. Tend throughout the tide.	Deployment Equipment 1400 ft. protected-water boom Vessels 4 ea. class 3 Personnel/Shift 12 ea. vessel crew Tending Vessels 4 ea. class 3 Personnel/Shift 12 ea. vessel crew	Vessel platform	Via marine waters Chart 16604-1	Same as K-39-02	Vessel masters should have local knowledge. This strategy can only be used in calm and moderate conditions due to the exposure and the numerous navigational hazards. Tested: not yet
K-39-04 	Foul Bay Lat. 57° 20.25 N Lon. 153°48.97 W	Passive Recovery Place passive recovery across the channels of the streams in Zacher Bay.	Deploy snare line or sorbent boom and anchors with skiffs (class 6) around the identified island. Replace as necessary to maximize the recovery.	Deployment Equipment 2000 ft. snare line or sorbent boom 10 ea. small anchor systems Vessels/Personnel/Shift Same as K-39-02 Tending Vessels/Personnel/Shift Same as K-39-02	Vessel platform	Via marine waters Chart 16604-1	Same as K-39-02	Vessel masters should have local knowledge. This strategy can only be used in calm and moderate conditions due to the exposure and the numerous navigational hazards. Tested: not yet
K-39-05 	Foul Bay a. Lat. 58° 21.88 N Lon. 152°46.86 W b. Lat. 58° 20.44 N Lon. 152°44.42 W c. Lat. 58° 19.13 N Lon. 152°48.75 W	Exclusion Exclude oil from impacting the streams and intertidal area in Foul Bay.	Deploy anchors and boom at high tide with skiffs (class 6). Arrays (a) & (b) should be deployed in a chevron pattern, extending out to protect the intertidal area with 100 ft. tidal seal on each shore. (c) will require 100 ft. tidal seal on both shores. Tend throughout the tide. <u>Boom Lengths:</u> a. 1000 ft. protected-water boom 200 ft. tidal-seal boom b. 800 ft. protected-water boom 200 ft. tidal-seal boom c. 500 ft. protected-water boom 200 ft. tidal-seal boom	Deployment Equipment 2300 ft. protected-water boom 600ft. tidal-seal boom 15 ea. small anchor systems 12 ea. anchor stakes Vessels/Personnel/Shift Same as K-39-02 Tending Vessels/Personnel/Shift Same as K-39-02	Vessel platform	Via marine waters Chart 16604-1	Same as K-39-02	Vessel masters should have local knowledge. FOSC Historic properties specialist should INSPECT site prior to operations. Site surveyed: 7/23/05 KGRS Tactics Committee. A large bear population exists in the area; bear guards may be necessary. Title 41 permitting required from ADNR. Tested: not yet