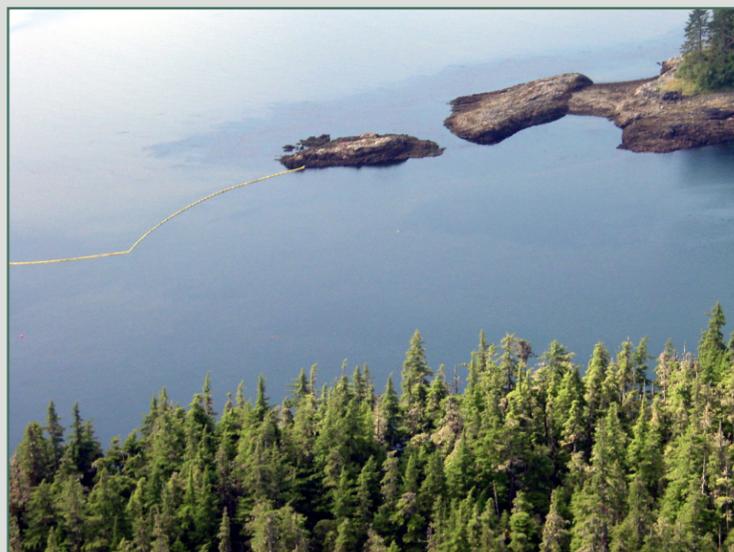


Map & Photo Legend



▲ SE04-02-04d Keku Islands looking towards the north.



◀ SE04-02-02d Keku Islands looking towards the northwest. Note spill response boom in photograph.



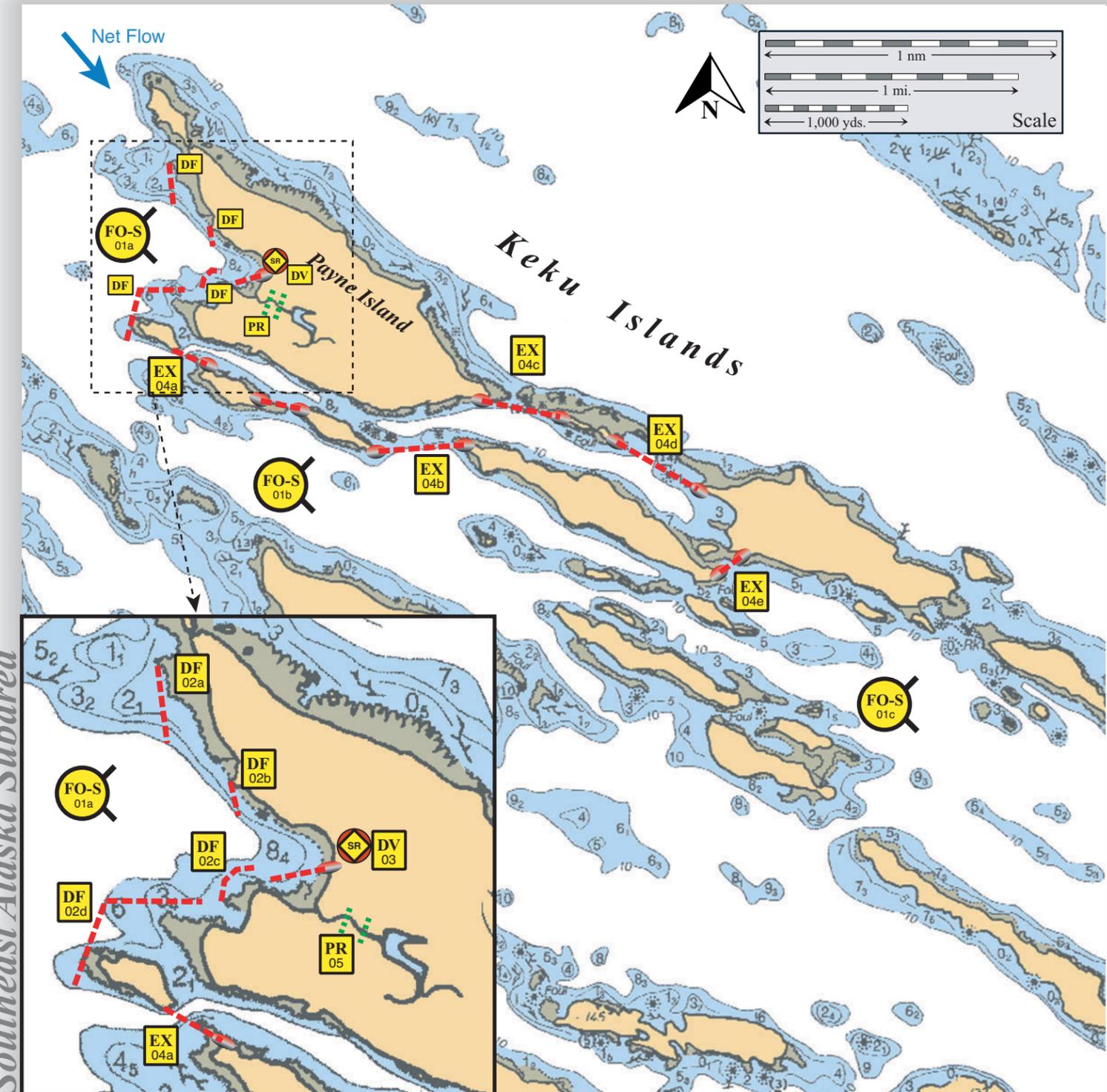
◀ SE04-02-04a Keku Islands looking towards the north. Note spill response boom in photograph.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Diversion Booming
-  Deflection Booming, Fixed
-  Passive Recovery and Debris Removal
-  Protected-water Boom
-  Tidal-seal Boom
-  Shoreside Recovery, Marine Access

Geographic Response Strategies for Southeast Alaska Subarea

Keku Islands, SE04-02

Center of map at 56° 55.8' N Lat., 134° 05.8' 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
SE04-02-01	Keku Islands Nearshore waters in the general area of: <ol style="list-style-type: none"> Lat. 56° 57.3 N Lon. 134° 08.1 W Lat. 56° 56.1 N Lon. 134° 08.0 W Lat. 56° 55.2 N Lon. 134° 02.8 W 	Free-oil Recovery Maximize free-oil recovery inside of Keku Islands.	Deploy nearshore free-oil recovery strike teams inside of Keku Islands Archipelago. Use aerial surveillance to locate incoming slicks.	Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel platform	Via marine waters	Marine mammals-whales, sea otter Fish-herring Birds-waterfowl concentrations (summer, high winter use), shorebird concentrations (winter) Habitat-kelp beds and eelgrass, salt chuck, high intertidal diversity Human use-high subsistence use, salmon harvest, high recreational use, aquaculture	Vessel masters should have local knowledge. FOSC Historic Properties Specialist should MONITOR on-site operations.
SE 04-02-02	Payne Island <ol style="list-style-type: none"> Lat. 56° 57.1 N Lon. 134° 08.7 W Lat. 56° 56.9 N Lon. 134° 08.4 W Lat. 56° 56.7 N Lon. 134° 08.5 W Lat. 56° 56.7 N Lon. 134° 08.9 W 	Deflection Deflect oil from sensitive areas. <ol style="list-style-type: none"> 800 ft. 200 ft. 600 ft. 1200 ft. 	Use fishing vessels and skiffs (class 3/4/6) to set anchors and deploy.	Deployment Equipment 2800 ft. protected-water boom 10 ea. anchor systems (~40 lbs.) 2 ea. anchor stakes	Vessel platform	Via marine waters	Same as SE04-02-01	Tested: 8/20/02 SEAPRO Surveyed: 8/20/02 SEAPRO, USCG, TLR
SE04-02-03	Payne Island Lat. 56° 56.7 N Lon. 134° 08.15 W	Diversion Divert oil to cove on Payne Island for shoreside recovery.	Use vessels with deck space (class 2/3/4) to transport equipment. Use skiffs (class 6) to deploy boom and set anchors. Place 2000 ft. of protected-water boom to divert oil to marine recovery in cove on Payne Island.	Deployment Equipment 2000 ft. protected-water boom 22 ea. anchor systems (~40 lbs.) 1 ea. marine recovery Vessels 2 ea. class 2 2 ea. class 3/4 2 ea. class 6 Personnel / Shift 18 ea. vessel crew Tending Vessels 2 ea. class 3/4 2 ea. class 6 Personnel / shift 6 ea. vessel crew	Vessel platform	Via marine waters	Same as SE04-02-01	See Figure G-3-8 for equipment locations. Tested: 8/20/02 SEAPRO Surveyed: 8/20/02 SEAPRO, USCG, TLR
SE04-02-04	<ol style="list-style-type: none"> Lat. 56° 56.6 N Lon. 134° 08.6 W Lat. 56° 56.5 N Lon. 134° 08.6 W Lat. 56° 56.3 N Lon. 134° 08.0 W Lat. 56° 56.2 N Lon. 134° 07.1 W Lat. 56° 55.8 N Lon. 134° 05.1 W Lat. 56° 56.1 N Lon. 134° 05.6 W Lat. 56° 56.3 N Lon. 134° 06.4 W 	Exclusion Exclude oil from entering area between islands as shown.	Place 8,800 ft. of protected-water boom in multiple arrays, with tidal-seal on all ends, between islands to exclude oil from area shown. Boom Arrays <ol style="list-style-type: none"> 600 ft. 800 ft. 1000 ft. 2000 ft. 800 ft. 2000 ft. 1600 ft. 	Deployment Equipment 8,800 ft. protected-water boom 92 ea. anchor systems (~40 lbs.) 14 ea. 50 ft. tidal-seal 28 ea. anchor stakes Vessels/Personnel/Tending Same as SE03-02-02	Vessel platform	Via marine waters	Same as SE04-02-01	Tested: not yet Surveyed: 8/20/02 SEAPRO, USCG, TLR
SE04-02-05	Payne Island Lat. 56° 56.7 N Lon. 134° 08.08 W	Passive Recovery Protect salt chuck with snare line and sorbent boom.	Place snare-line or sorbent boom across the entrance of the salt marsh at the back of the bay.	Deployment Equipment 200 ft. snare line or sorbent boom 2 ea. anchor stakes	Vessel platform	Via marine waters		Use caution to not drive oil into the substrate. Surveyed: 8/20/02 SEAPRO, USCG, TLR