Eliza Harbor, SE04-07

Center of map at 57° 12' N Lat., 134° 17' W Lon.

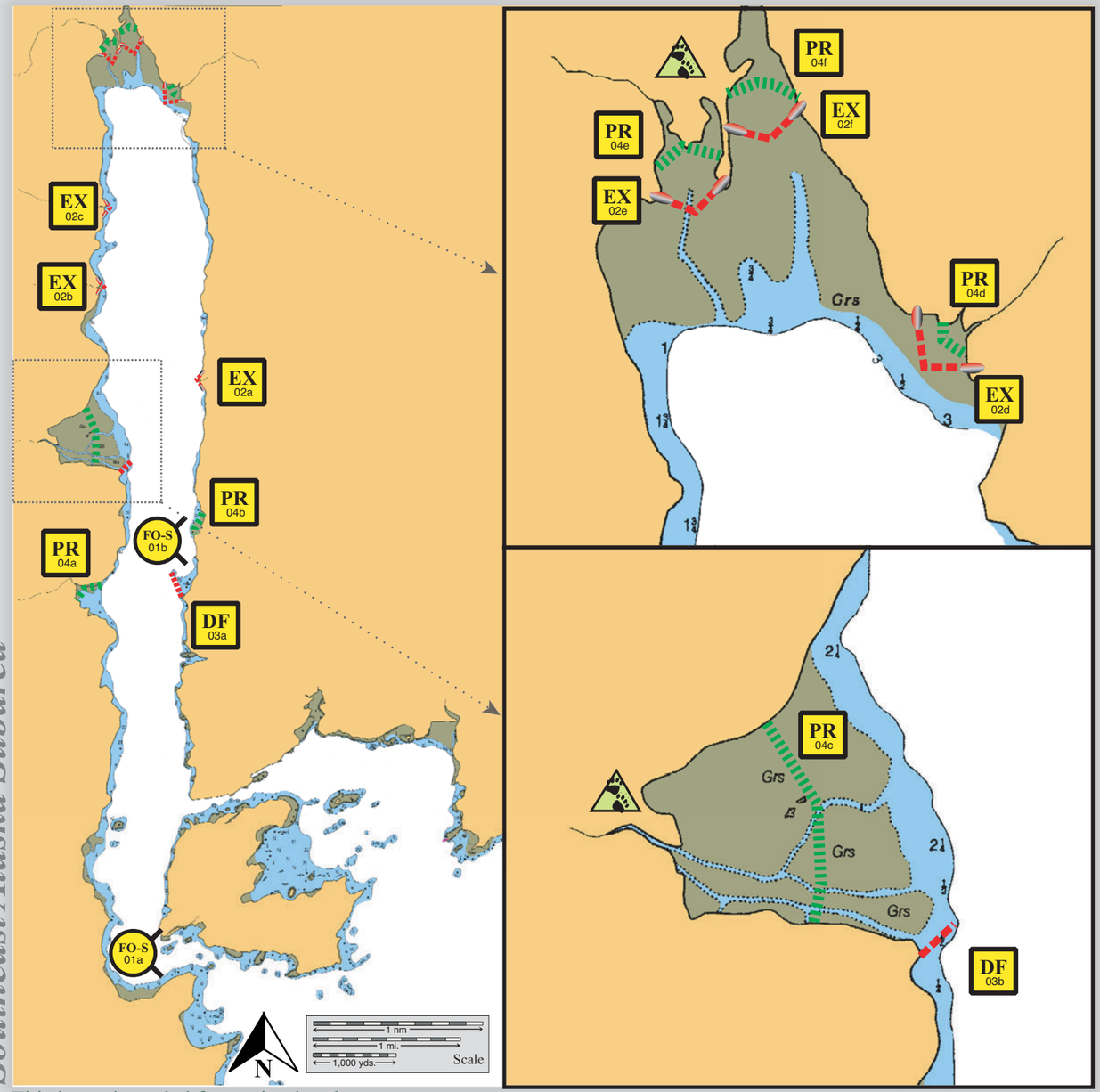
Legend & Map Photo

SE04-07 Eliza Harbor looking towards the north.

FO-S — Free-oil Containment and Recovery, Shallow Water	Protected-water Boom
EX — Exclusion Booming	Tidal-seal Boom
DF — Deflection Booming, Fixed	Snare Line
PR — Passive Recovery and Debris Removal	Bears in Area, Guards Needed

SE04-07 Eliza Harbor looking towards the north.

Geographic Response Strategies for Southeast Alaska Subarea



This is not intended for navigational use.

Soundings in fathoms

June 26, 2003

Tim L. Robertson

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE04-07-01	**Eliza Harbor** Lat. 57º 12 N Lon. 134º 17 W (approximate location)	**Free-oil Recovery** Maximize recovery of oil at the mouth of harbor and along length of harbor.	Deploy nearshore free-oil recovery strike team. Use aerial surveillance to locate areas of heavy slick concentrations.	Two (or more) nearshore free-oil recovery strike teams to intercept oil before it impacts sensitive areas.	Angoon, Petersburg, and/or Juneau	Via marine waters	See SE04-07-02	Strong currents possible at the mouth of the harbor. Oil is likely to impact the shoreline in the vicinity of Liesnor Island.
SE04-07-02	**Eliza Harbor** a. Lat. 57º 13.0 N Lon. 134º 17.0 W b. Lat. 57º 13.7N Lon. 134º 18.06 W c. Lat. 57º 14.15N Lon. 134º 18.0 W d. Lat. 57º 14.8 N Lon. 134º 17.18 W e. Lat. 57º 15.0 N Lon. 134º 17.9 W f. Lat. 57º 15.2 N Lon. 134º 17.7 W	**Exclusion** Protect mudflats and marsh using exclusion boom anchored to achieve a convex shape. a. 200 ft b. 500 ft c. 300 ft d. 1000 ft e. 800 ft f. 800 ft	Use class 2 or class 3/4 vessels with deck space to transport equipment. Use class 6 skiffs to deploy boom and set anchors. Deploy 3600 ft of protected-water boom anchored to achieve convex shape.	**Deployment** **Equipment** 3600 ft protected-water boom 6 ea ~40 lbs anchor systems. 12 ea 50 ft sections of tidal-seal boom. 12 ea anchor stakes. **Vessels** 2 ea. class 2 or 3/4 2 ea. class 6 **Personnel Shift** 12 ea vessel crew **Tending** **Vessels** 1 ea. class 3/4 2 ea. class 6 **Personnel/Shift** 6 ea vessel crew	See SE04-07-01	See SE04-07-01	Fish-intertidal salmon/trout spawning (pink, coho, chum, Dolly Varden) Birds-waterfowl and shorebirds (winter) Habitat-marsh, wetlands Terrestrial mammals-bears	Deploy boom at high tide to prevent further damage to mudflats and marsh. Bears in area. FOSC Historic Properties Specialist should INSPECT site prior to operations. See Figure G-3-8 for equipment locations. Tested: not yet
SE04-07-03	**Eliza Harbor** a. Lat. 57º 11.8 N Lon. 134º 17.15 W b. Lat. 57º 12.6 N Lon. 134º 17.7 W	**Deflection** Deflect oil away from sensitive area to allow free-oil recovery.	Use class 2 or class 3/4 vessels with deck space to transport equipment. Use class 6 skiffs to deploy boom and set anchors. Deploy protected-water boom. a. 600 ft b. 500 ft	**Deployment** **Equipment** 500 ft protected-water boom 2 ea ~40 lbs anchor systems. 1 ea anchor stakes. **Vessels/Personnel/Tending** Use resources listed in SE04-07-02	See SE04-07-01	See SE04-07-01	See SE04-07-02	Tested: not yet
SE04-07-04	**Eliza Harbor** a. Lat. 57º 11.8 N Lon. 134º 18.3 W b. Lat. 57º 12.3N Lon. 134º 16.9 W c. Lat. 57º 12.7N Lon. 134º 18.2 W d. Lat. 57º 14.8 N Lon. 134º 17.18 W e. Lat. 57º 15.15N Lon. 134º 17.9 W f. Lat. 57º 15.2 N Lon. 134º 17.7 W	**Passive Recovery** Minimize impact to intertidal mudflats and marsh through passive recovery using snare line or sorbent boom.	Place up to 5400 ft. of snare line or sorbent boom across mudflats and marsh. Anchor with stakes. Replace oiled sections as needed. Use snare line for persistent oils and sorbent boom for non-persistent. a. 1000 ft b. 1000 ft c. 2000 ft d. 300 ft e. 600 ft f. 500 ft	**Deployment** **Equipment** 5400 ft. snare line or sorbent boom 54 ea. anchor stakes. 1000 ft of line. **Vessels/Personnel/Tending** Use resources listed in SE04-07-02	See SE04-07-01	See SE04-07-01	See SE04-07-01	Deploy boom at high tide to prevent further damage to mudflats and marsh.