Chaik Bay, SE05-09

Geographic Response Strategies for Southeast Alaska Subarea

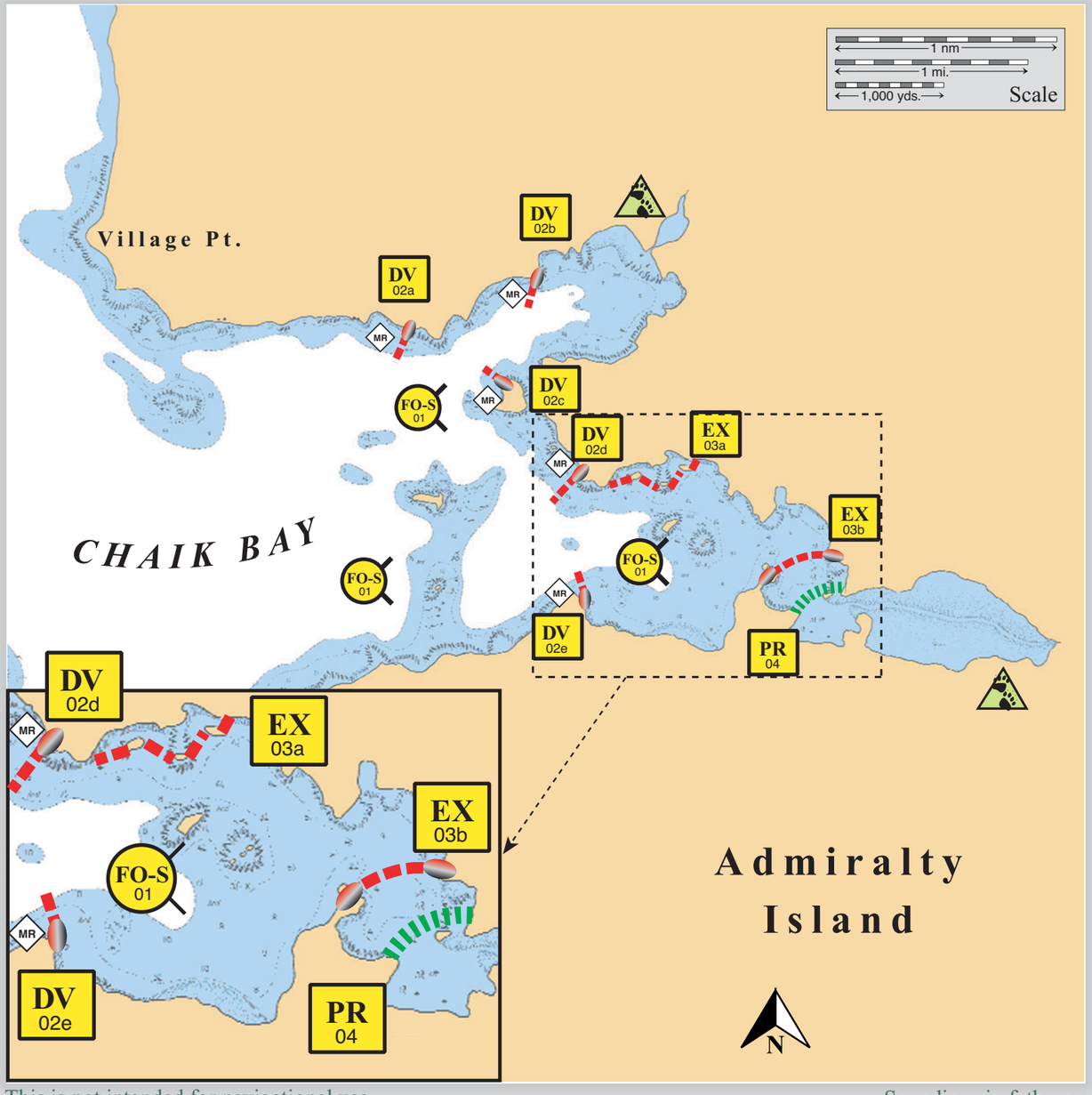
Map & Photo Legend

SE05-09-02a,b,c looking northeast into the north arm of Chaik Bay.

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

SE05-09 South arm of Chaik Bay looking west at tactics 02d,e, 03a,b and 04.

Center of map at 57° 20' N Lat., 134° 31' W Lon.



This is not intended for navigational use.

Soundings in fathoms

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ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE05-09-01	**Chaik Bay** (Northeast Arm) Lat. 57º 20 N Lon. 134º 31 W	**Free-oil Recovery** Maximize recovery of oil in vicinity of northeast arm.	Deploy nearshore free-oil recovery strike teams at the mouth of the arm and inside the arm as a backup to diversion/recovery booms.	Multiple nearshore free-oil recovery strike teams to intercept oil before it impacts sensitive areas.	Angoon	Via marine waters	Fish-intertidal salmon/trout spawning (coho, pink, chum, Dolly Varden) Birds-waterfowl (winter) Habitat-marsh, sheltered tidal flats Human use-subsistence (fishing)	FOSC Historic Properties Specialist should MONITOR on-site operations. See Figure G-3-10 for equipment locations. Bears in area. Tested: not yet
SE05-09-02	**Chaik Bay** a. Shoreline anchor point Lat. 57º 20.2 N Lon. 134º 32.1 W b. Shoreline anchor point Lat. 57º 20.5 N Lon. 134º 31.0 W c. Shoreline anchor point Lat. 57º 20.02 N Lon. 134º 31.2 W d. Shoreline anchor point Lat. 57º 19.6 N Lon. 134º 30.6 W e. Shoreline anchor point Lat. 57º 19.03 N Lon. 134º 30.5 W	**Diversion/Recovery** Divert oil to marine recovery. *Note: If shoreline is suitable, may divert to shore for manual clean-up.*	Use class 2 or class 3/4 vessels with deck space to transport equipment. Use class 6 skiffs to deploy boom and set anchors. Place boom at locations a - e to divert oil to shoreside (or near shoreside depending on tide) to marine recovery. 5 marine recovery or shoreside recovery units. Boom Arrays: a. 600 ft b. 400 ft c. 600 ft d. 800 ft e. 600 ft	**Deployment** **Equipment** 3000 ft protected-water boom. 8 ea ~40 lbs anchor systems for securing each 500 ft array at 3 points. 5 ea. 50 ft of tidal-seal boom units. 5 ea. anchor stakes **Marine Recovery Units** 3 ea shallow water recovery **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	Same as SE05-09-01	Same as SE05-09-01	Same as SE05-09-01	Bears Tested: not yet
SE05-09-03	**Chaik Bay** (Southeast Arm) a. Lat. 57º 19.5 N Lon. 134º 29.8 W b. Lat. 57º 19.1 N Lon. 134º 28.7 W	**Exclusion** Protect tidal mudflats and intertidal reefs using exclusion boom	Use class 2 or class 3/4 vessels with deck space to transport equipment. Use class 6 skiffs to deploy protected-water boom between islets and main shoreline. Boom arrays: a. 3000 ft b. 1500 ft	**Deployment** **Equipment** 4500 ft protected-water boom. 6 ea ~40 lbs anchor systems for securing boom at mid-points. 10 ea. 50 ft of tidal-seal boom units. 10 ea. anchor stakes **Vessel/Personnel/Tending** See SE05-09-02	Same as SE05-09-01	Same as SE05-09-01	Same as SE05-09-01	Bears Deploy boom at high tide to avoid driving oil into the substrate. Tested: not yet
SE05-09-04	**Chaik Bay** (Southeast Arm) Lat. 57º 19.5 N Lon. 134º 29.8 W	**Passive Recovery** Protect sensitive marshes at head of SE arm of bay using passive recovery snare line or sorbent boom to back-up exclusion boom (SE05-09-03b).	Place up to 1500 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.	**Deployment** **Equipment** 1500 ft. snare line or sorbent boom 15 ea. anchor stakes. 1000 ft of line.	Same as SE05-09-01	Same as SE05-09-01	Same as SE05-09-01	Bears Tested: not yet