

Map & Photo Legend



SE03-08-02c, 03e&f Salmon Bay looking west.



SE03-08-02b, 03c Salmon Bay looking west.



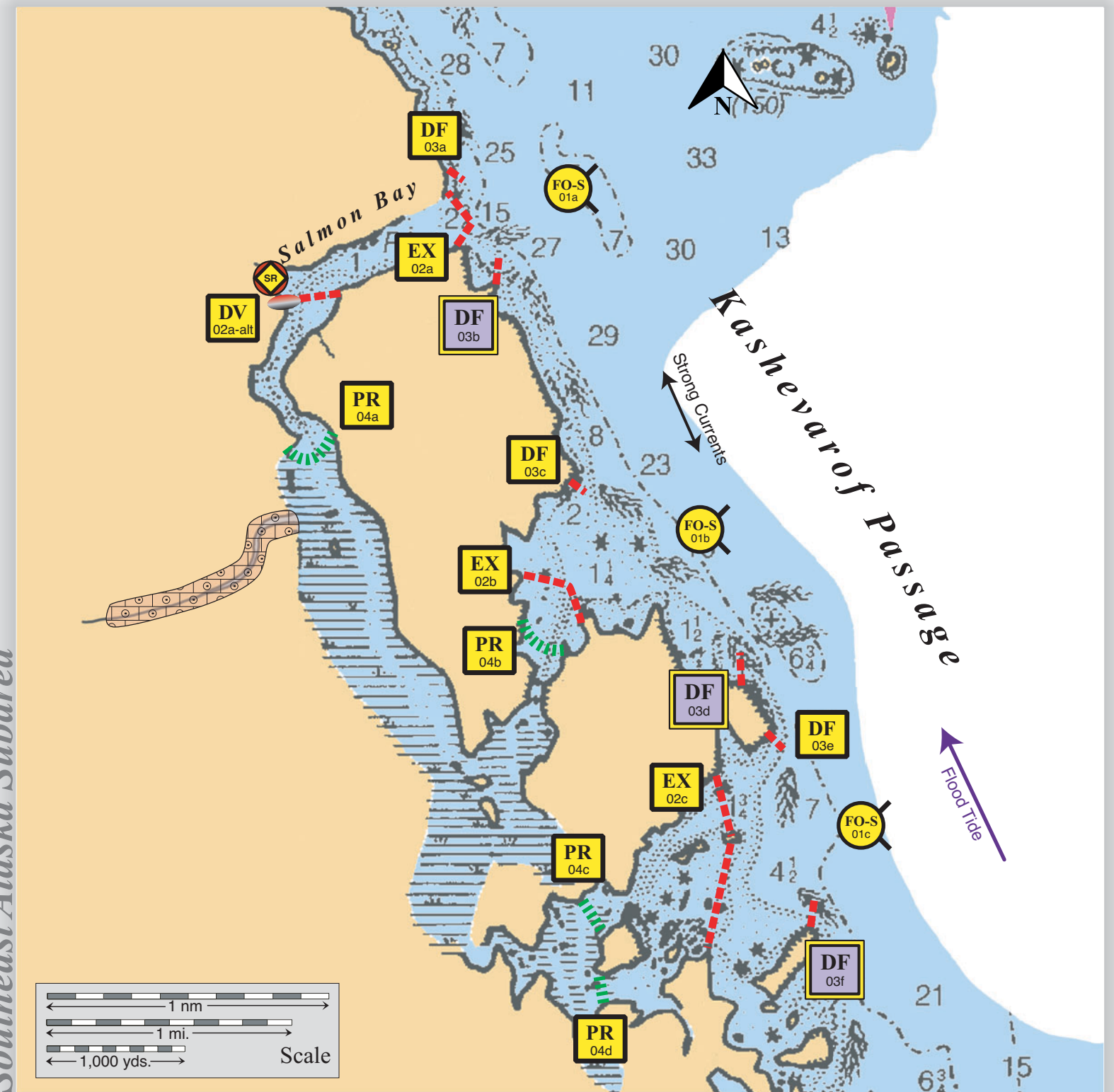
SE03-08-02a, 03a&b Salmon Bay looking west.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Deflection Booming, Fixed/ Ebb Tide
-  Deflection Booming, Fixed/Flood Tide
-  Passive Recovery and Debris Removal
-  Protected-water Boom
-  Tidal-seal Boom
-  Snare Line
-  Shoreside Recovery, Marine Access
-  Salmon Spawning Stream

Geographic Response Strategies for Southeast Alaska Subarea

Salmon Bay, SE03-08

Center of map at 56° 18' N Lat., 133° 09' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE03-08-01	Salmon Bay Lat. 56° 18 N Lon. 133° 09 W (approximate location)	Free-oil Recovery Maximize recovery of oil in the offshore and nearshore area.	Deploy free-oil recovery strike team. Use aerial surveillance to locate areas of heavy slick concentrations.	Three free-oil recovery strike teams to intercept oil before it impacts sensitive areas.	Wrangell or Whale Pass	Via marine waters	See SE03-08-02	Vessel masters should have local knowledge, many rocks to avoid.
SE03-08-02	Salmon Bay a. Lat. 56° 18.2 N Lon. 133° 09.2 W b. Lat. 56° 16.5 N Lon. 133° 08.2 W c. Lat. 56° 15.9 N Lon. 133° 07.3 W	Exclusion Protect mudflats, marsh and intertidal habitats using exclusion boom. a. 1000 ft. b. 1200 ft. c. 4500 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 6700 ft. of protected-water boom anchored every 500 ft. to achieve convex shape. NOTE: Alternative to SE03-08-02b is to divert oil to shoreside recovery on the gravel beach inside Salmon Bay.	Deployment Equipment 6700 ft. protected-water boom 40 ea. ~40 lbs anchor systems (anchor approximately every 500 ft.) 8 ea. 50 ft. sections of tidal-seal boom 8 ea. anchor stakes Vessels 1 ea. class 2 (transport) 2 ea. class 3/4 2 ea. class 6 Personnel/Shift 15 vessel crew Tending Vessels 1 ea. class 3/4 1 ea. skiff Personnel/Shift 4 ea. vessel crew	See SE03-08-01	See SE03-08-01	Marine mammals-harbor seals Fish-intertidal salmon/trout spawning (coho, pink, chum, Dolly Varden, cutthroat) Habitat-marsh Birds-waterfowl concentration, shore bird migration Terrestrial mammals-deer, black bear	FOSC Historic Properties Specialist should MONITOR on-site operations. See Figure G-3-6 for equipment locations. Tested: not yet Surveyed: 5/7/03 TLR
SE03-08-03	Salmon Bay Shoreline anchor point a. Lat. 56° 18.3 N Lon. 133° 09.0 W b. Lat. 56° 18.1 N Lon. 133° 08.7 W c. Lat. 56° 17.3 N Lon. 133° 08.3 W d. Lat. 56° 16.6 N Lon. 133° 07.2 W e. Lat. 56° 16.5 N Lon. 133° 07.0 W f. Lat. 56° 15.8 N Lon. 133° 06.8 W	Deflection Deflect oil offshore away from intertidal areas. a. 200 ft. ebb tide b. 800 ft. flood tide c. 600 ft. ebb tide d. 800 ft. flood tide e. 400 ft. ebb tide f. 600 ft. flood tide	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 three arrays of protected-water boom depending on tidal currents. Adjust boom angle to maximize deflection. Tend throughout tide.	Deployment Equipment 2400 ft. protected-water boom 24 ea. ~20 lbs anchor systems 6 ea. anchor stakes Vessels/Personnel/Tending Use resources listed in SE03-08-02	See SE03-08-01	See SE03-08-01	See SE03-08-02	Check currents at various deployment points. Tested: not yet Surveyed: 5/7/03 TLR
SE03-08-04	Salmon Bay a. Lat. 56° 17.5 N Lon. 133° 10.0 W b. Lat. 56° 16.8 N Lon. 133° 08.4 W c. Lat. 56° 15.9 N Lon. 133° 07.9 W d. Lat. 56° 15.6 N Lon. 133° 08.0 W	Passive Recovery Minimize impact to intertidal wetlands, mudflats and marsh through passive recovery using snare line or sorbent boom. a. 600 ft. b. 1200 ft. c. 600 ft. d. 600 ft	Place up to 3000 ft. of snare line or sorbent boom across mud flats at or above low tide line. Anchor with stakes. Replace oiled sections as needed. Use snare line for persistent oils and sorbent boom for non-persistent.	Deployment Equipment 3000 ft. snare line or sorbent boom 30 ea. anchor stakes. 1000 ft. of line. Vessels/Personnel/Tending Use resources listed in SE03-08-02	See SE03-08-01	See SE03-08-01	See SE03-08-02	Surveyed: 5/7/03 TLR