

Map & Photo Legend



SE06-09 Looking east into South Sandy Cove.



SE06-09 Looking southeast over Puffin Island into North Sandy Cove.



SE06-09-02d Looking northeast into head of Spokane Cove.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Deflection Booming, Fixed
-  Diversion Booming
-  Protected-water Boom
-  Tidal-seal Boom
-  Shoreside Recovery, Marine Access
-  Marine Recovery
-  Bears in Area, Guards Needed

Spokane/Sandy Cove, SE06-09

Center of map at 58° 42' N Lat., 135° 58' W Lon.

Geographic Response Strategies for Southeast Alaska Subarea



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
SE06-09-01	Spokane/Sandy Cove Lat. 58° 42.6 N Lon. 135° 59.2 W (approximate location)	Free-oil Recovery Maximize recovery of oil in the vicinity of the mouths of Spokane Cove, South Sandy Cove & North Sandy Cove.	Deploy free-oil recovery strike. Use aerial surveillance to locate areas of heavy slick concentrations.	Four free-oil recovery strike teams to intercept oil before it impacts sensitive areas.	Bartlett Cove, Glacier Bay National Park.	Via marine waters	See SE06-09-02	See Figure G-3-12 for equipment locations.
SE06-09-02	Spokane/Sandy Cove a. Lat. 58° 43.5 N Lon. 136° 00.93 W b. Lat. 58° 43.54N Lon. 136° 00.20 W c. Lat. 58° 42.3 N Lon. 135° 58.9 W d. Lat. 58° 42.07N Lon. 135° 57.1 W	Diversion/Recovery Divert oil entering South Sandy Cove to shoreline or marine recovery unit. <u>Boom strings</u> a. 600 ft. to marine recovery unit b. 1000 ft. in 500 ft. stepped array to shoreline recovery c. 2000 ft. in 500 ft. stepped arrays to shoreline recovery d. 2000 ft. in 500 ft. stepped arrays to shoreline 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. Place total of 5600 ft. of boom to divert oil to shoreside (or nearshoreside depending on tide) to marine recovery.	Deployment Equipment 5600 ft. protected-water boom. 12 ea. ~40 lbs. anchor systems for securing each array approx every 500 ft. 3 ea. anchor stakes 1 ea. shallow water marine recovery unit 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 SE06-09-01	See SE06-09-01	Marine mammals-humpback whales (summer), harbor seals Fish-intertidal salmon spawning (pink) Birds-waterfowl, shorebirds Human use-high recreational use (summer) Land management-National Park Terrestrial mammals-bears	See SE06-09-01 See Figure G-3-12 for equipment locations. Bear hazard along shoreline. This area is located in Glacier Bay National Park. Tested: not yet Surveyed: 5/15/02 NPS, TLR
SE06-09-03	Spokane/Sandy Cove a. North anchor point Lat. 58° 42.7 N Lon. 136° 00.6 W b. North anchor point Lat. 58° 42.54 N Lon. 136° 00.46 W	Deflection - Live Deflect oil away from mouth of South Sandy Cove.	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 2500 ft. of protected-water boom in 1000 and 1500 ft. sections at an angle appropriate for current velocity and direction. a. 1000 ft. may be deployed from shore and anchored. b. North end of 1500 ft. section may be anchored in approximate position with south end tended/secured to class 3/4 vessel.	Deployment Equipment 2500 ft. protected-water boom 5 ea. ~40 lbs. anchor systems. Anchor approximately every 500 ft. 1 ea. anchor stakes Vessels/Personnel/Tending Use resources listed in SE06-07-02 plus two dedicated class 3/4 vessels to tend or secure south end of 1500 ft. boom section.	See SE06-09-01	See SE06-09-01	See SE06-09-02	See SE06-09-01 Tested: not yet Surveyed: 5/15/02 NPS, TLR
SE06-09-04	Spokane/Sandy Cove Lat. 58° 43.9 N Lon. 136° 00.8 W	Exclusion Protect mudflats and marsh between Little Puffin and Big Puffin Island using exclusion boom anchored to achieve a convex shape.	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 1200 ft. of protected-water boom as follows: <u>Boom configuration</u> Use 1200 ft. anchored every 300 ft. to achieve a convex shape. 50 ft. of tidal-seal boom at either end.	Deployment Equipment 1200 ft protected-water boom 4 ea. ~40 lbs. anchor systems. Anchor approximately every 300 ft. 2 ea. 50 ft. sections of tidal-seal boom 3 ea. anchor stakes. Vessels/Personnel/Tending Use resources listed in SE06-07-02	See SE06-09-01	See SE06-09-01	See SE06-09-02	See SE06-09-01 Tested: not yet Surveyed: 5/15/02 NPS, TLR
SE06-09-05	Spokane/Sandy Cove Lat. 58° 43.9 N Lon. 135° 58.0 W	Exclusion Prevent movement of oil between North and South Sandy Cove during high tide using exclusion boom.	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 300 ft. of protected-water boom with 50 ft. of tidal-seal boom at either end.	Deployment Equipment 300 ft. protected-water boom 1 ea. ~40 lbs. anchor systems. Anchor at midpoint. 2 ea 50 ft. sections of tidal-seal boom 2 ea. anchor stakes Vessels/Personnel/Tending Use resources listed in SE06-07-02	See SE06-09-01	See SE06-09-01	See SE06-09-02	See SE06-09-01 Tested: not yet Surveyed: 5/15/02 NPS, TLR