

Map & Photo Legend



SW-10 West Arm of Bay of Isles viewed from the east.



SW-10-01 Short Arm Bay of Isles viewed from the north.



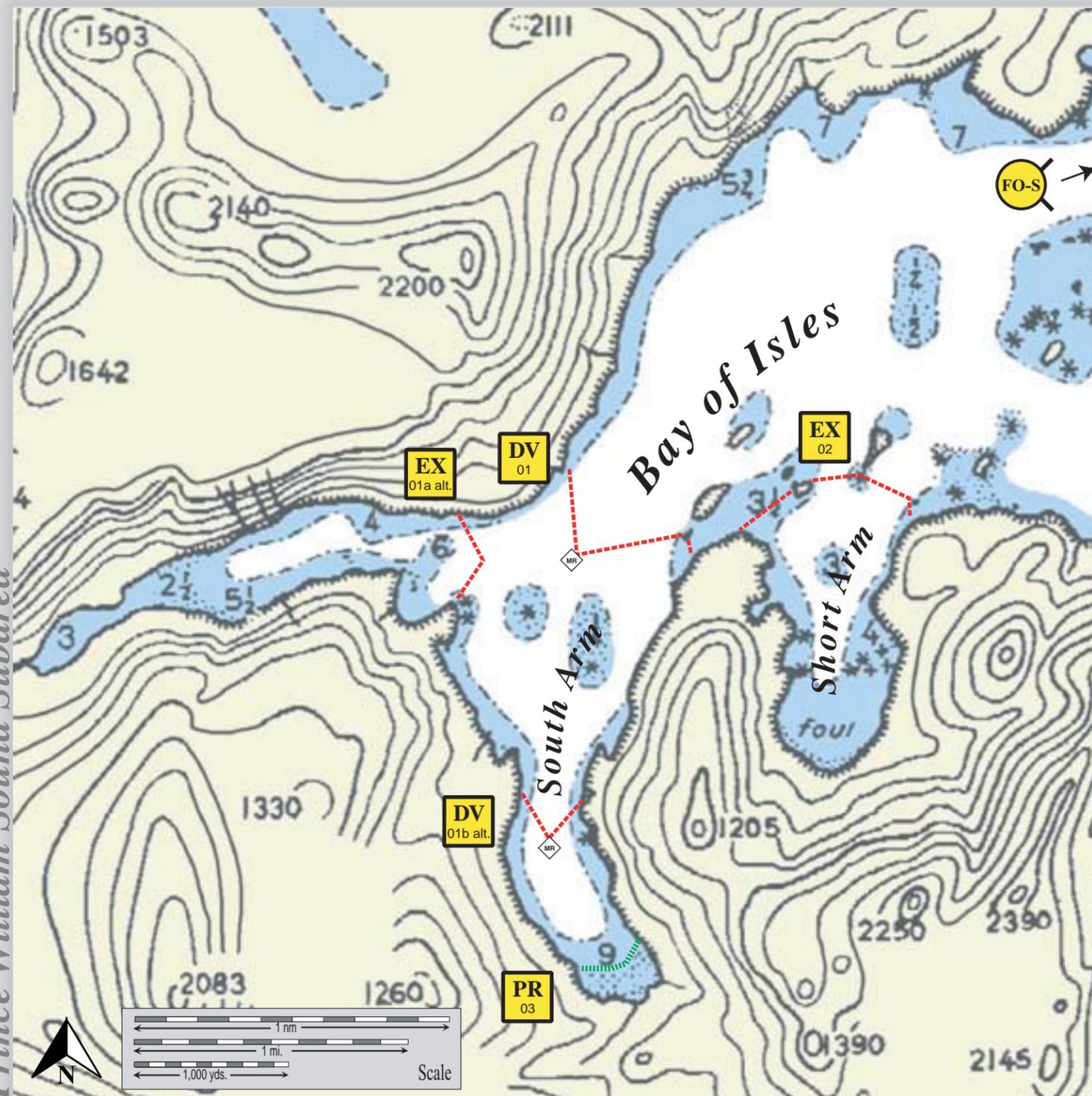
SW-10-02alt, 03 South Arm Bay of Isles viewed from the north.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Diversion Booming
-  Passive Recovery and Collection
-  Protected-water Boom
-  Passive Collection (Snare Line)
-  Marine Recovery

Geographic Response Strategies for Prince William Sound Subarea

Bay of Isles, PWS-SW10

Center of map at 60° 23.13' N Lat., 147° 41.60' 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
SW-10-01	<p>Bay of Isles</p> <p>NW anchor point</p> <p>Lat. 60° 23.61 N Lon. 147° 41.94 W</p> <p>SE anchor point</p> <p>Lat. 60° 23.25 N Lon. 147° 41.26 W</p>	<p>Divert and Collect</p> <p>Divert oil to marine collection determined by spill source and trajectory.</p>	<p>Transport equipment by vessel (class 2/3/4).</p> <p>Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6).</p> <p>Place protected-water boom at the proper angle to divert oil to marine collection point.</p> <p>Use the islands as anchor points.</p> <p>Set up marine recovery unit and tend throughout the tide.</p>	<p>Deployment</p> <p>Equipment</p> <p>4300 ft. protected-water boom 40 ea. anchor systems (~40 lbs.) 8 ea. anchor stakes 1 ea. marine collection unit</p> <p>Vessels</p> <p>2 ea. class 2 2 ea. class 3/4 2 ea. class 6</p> <p>Personnel/Shift</p> <p>16 ea. vessel crew</p> <p>Tending</p> <p>Vessels</p> <p>1 ea. class 3/4 1 ea. class 6</p> <p>Personnel/Shift</p> <p>3 ea. vessel crew 2 ea. response techs</p>	Whittier or Valdez	<p>Via marine waters</p> <p>Chart 16701-1</p>	<p>Fish-intertidal spawning-salmon, herring</p> <p>Marine mammals- seals</p> <p>Birds- seabird feeding, waterfowl concentrations</p> <p>Habitat-sheltered rocky shoreline, eel grass, marsh</p>	<p>Vessel master should have local knowledge.</p> <p>REPORT any cultural resources found during operations to FOSC Historic Properties Specialist.</p> <p>Site surveyed: 7/15/03 PWS GRS Tactics Committee</p> <p>Tested: not yet</p>
SW-10-01a Alternative Deployment	<p>Bay of Isles-West Arm</p> <p>Lat. 60° 23.20 N Lon. 147° 42.90 W</p>	<p>Exclusion</p> <p>Exclude oil from the West Arm of the Bay of Isles.</p>	<p>Transport equipment by vessel (class 2/3/4).</p> <p>Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6).</p> <p>Place boom in a chevron pattern across entrance to the West Arm.</p> <p>Tend throughout the tide.</p>	<p>Deployment</p> <p>Equipment</p> <p>2000 ft. protected-water boom 1 ea. apex anchor (~200 lbs.) 10 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes</p> <p>Vessels/Personnel/Shift</p> <p>Same as SW-10-01</p> <p>Tending/Vessels/Personnel/Shift</p> <p>Same as SW-10-01</p>	Vessel platform	<p>Via marine waters</p> <p>Chart 16701-1</p>	<p>Same as SW-10-01</p>	<p>Vessel master should have local knowledge.</p> <p>Use SW-10-01 Alt. if SW10-01 is not feasible due to conditions.</p> <p>Site surveyed: 7/15/03 PWS GRS Tactics Committee</p> <p>Tested: not yet</p>
SW-10-01b Alternative Deployment	<p>Bay of Isles-South Arm</p> <p>West anchor point</p> <p>Lat. 60° 22.39 N Lon. 147° 42.36 W</p> <p>East anchor point</p> <p>Lat. 60° 22.45 N Lon. 147° 41.93 W</p>	<p>Divert and Collect</p> <p>Divert oil in the South Arm to marine collection point in the center of the channel.</p>	<p>Transport equipment by vessel (class 2/3/4).</p> <p>Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6).</p> <p>Place protected-water boom at the proper angle to divert oil to marine collection point.</p> <p>Set up collection unit and tend throughout the tide.</p>	<p>Deployment</p> <p>Equipment</p> <p>2000 ft. protected-water boom 5 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes 1 ea. marine collection unit</p> <p>Vessels/Personnel/Shift</p> <p>Same as SW-10-01</p> <p>Tending/Vessels/Personnel/Shift</p> <p>Same as SW-10-01</p>	Vessel platform	<p>Via marine waters</p> <p>Chart 16701-1</p>	<p>Same as SW-10-01</p>	<p>Vessel master should have local knowledge.</p> <p>Use SW10-01 Alt. if SW10-01 is not feasible due to conditions.</p> <p>Site surveyed: 7/15/03 PWS GRS Tactics Committee</p> <p>Tested: not yet</p>
SW-10-02	<p>Bay of Isles-Short Arm</p> <p>Lat. 60° 23.40 N Lon. 147° 40.25 W</p>	<p>Exclusion</p> <p>Exclude oil from impacting the marsh and stream in the Short Arm of the Bay of Isles.</p>	<p>Transport equipment by vessel (class 2/3/4).</p> <p>Deploy anchors and boom with skiffs (class 6).</p> <p>Place boom across entrance using small islands for anchoring.</p> <p>Tend throughout the tide.</p>	<p>Deployment</p> <p>Equipment</p> <p>4000 ft. protected-water boom 20 ea. anchor systems (~20 lbs.) 8 ea. anchor stakes</p> <p>Vessels/Personnel/Shift</p> <p>Same as SW-10-01</p> <p>Tending/Vessels/Personnel/Shift</p> <p>Same as SW-10-01</p>	Vessel platform	<p>Via marine waters</p> <p>Chart 16701-1</p>	<p>Same as SW-10-01</p>	<p>Vessel master should have local knowledge.</p> <p>Site surveyed: 7/15/03 PWS GRS Tactics Committee</p> <p>Tested: not yet</p>
SW-10-03	<p>Head of Bay of Isles South Arm</p> <p>West shore anchor point</p> <p>Lat. 60° 21.84 N Lon. 147° 42.03 W</p> <p>East shore anchor point</p> <p>Lat. 60° 21.84 N Lon. 147° 42.03 W</p>	<p>Passive Recovery</p> <p>If warranted, place passive recovery just outside salmon stream mouths to minimize impact.</p>	<p>Transport equipment by vessel (Class 2/3/4).</p> <p>Place and anchor snare line or sorbent boom across the salmon streams in the area behind the diversion tactic.</p> <p>Replace as necessary to maximize the recovery.</p>	<p>Deployment</p> <p>Equipment</p> <p>1500 ft. snare line or sorbent boom 4 ea. anchor stakes</p> <p>Vessels/Personnel/Shift</p> <p>Same as PWS-NE05-02</p> <p>Tending</p> <p>Vessels/Personnel/Shift</p> <p>Same as PWS-NE05-02</p>	Vessel platform	<p>Via marine waters</p> <p>Chart 16701-1</p>	<p>Same as SW-10-01</p>	<p>Use snare line for persistent oils and sorbent boom for non-persistent oils.</p> <p>Title 41 permitting required from AKDNR.</p> <p>Site surveyed: 7/15/03 PWS GRS Tactics Committee</p>