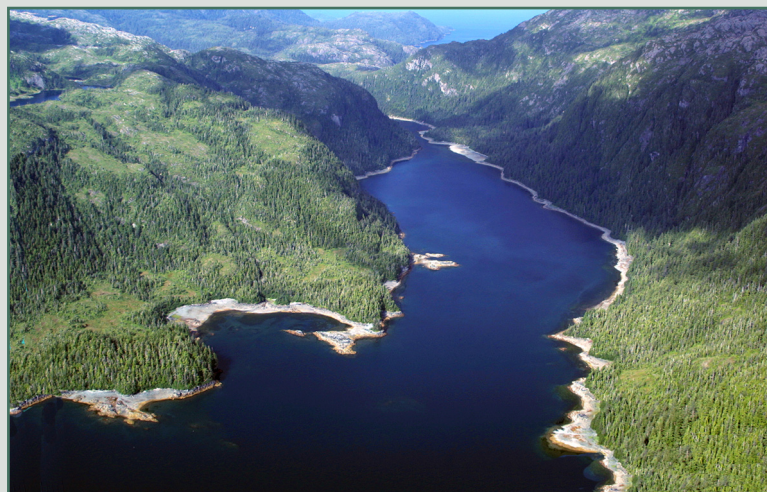


# Map & Photo Legend










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



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



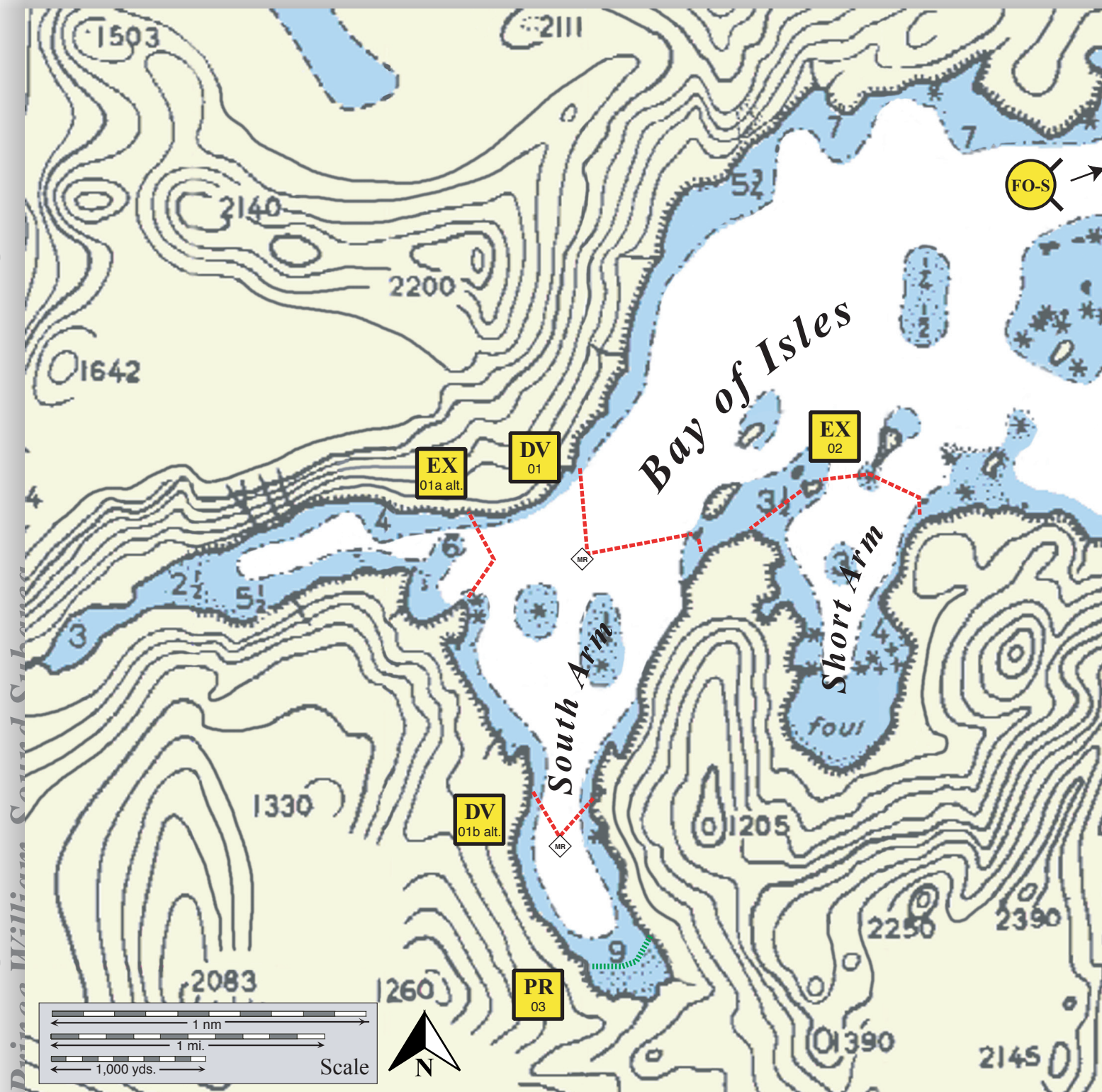
SW-10-02alt, 03 South Arm Bay of Isles viewed from the north.

-  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

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