

# Map & Photo Legend

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Passive Recovery
-  Protected-water Boom
-  Tidal-seal Boom
-  Snare or Sorbent Boom
-  Bears in Area, Guards Recommended

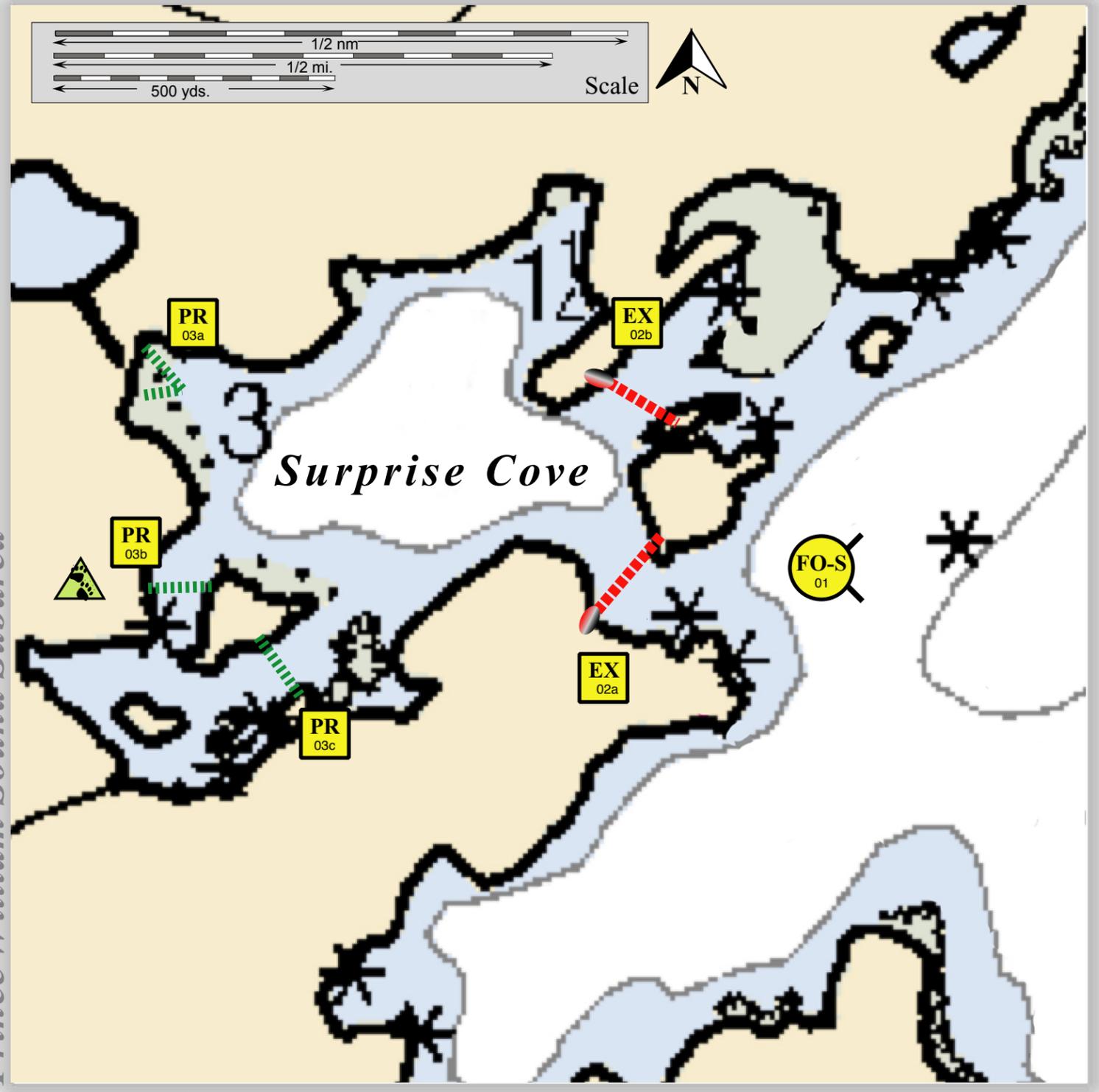


Surprise Cove viewed from the northeast.

## Surprise Cove, PWS-NW-24

Center of map at 61° 45.35' N Lat., 148° 22.33' W Lon.

### Geographic Response Strategies for Prince William Sound 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
PWS NW-24-01 	<b>Surprise Cove</b> Nearshore waters in the general area of:  Lat. 60°45.35'N Lon. 148°22.33'W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Surprise Cove depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Surprise Cove.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Whittier	Via marine waters  Chart 16705-1	Same as NW-24-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
PWS NW-24-02 	<b>Surprise Cove</b> a. Lat. 60°45.43'N Lon. 148°22.77'W  b. Lat. 60°45.63'N Lon. 148°22.78'W	<b>Exclusion w/ Gate</b> Exclude oil from impacting the salmon streams and intertidal area in Surprise Cove.	Deploy anchors and boom with skiffs (class 6) at high tide.  Using the island as an anchor point place protected-water boom across the opening to the cove.  In (a) place a gate to facilitate access to the anchorage.  Tend throughout the tide.  <u>Boom Lengths:</u> a. 600 ft. b. 900 ft.	<b>Deployment</b> <b>Equipment</b> 1500 ft. protected-water boom 1 ea. gate system 7 ea. anchor systems 8 ea. anchor stakes <b>Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew/general techs <b>Tending</b> <b>Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew/general techs	Vessel platform	Via marine waters  Chart 16705-1	Fish- intertidal spawning- salmon (May-Sept.)  Marine mammals-otters  Habitat- sheltered rocky shoreline  Human use-high recreational area, camping and anchorage	Vessel master should have local knowledge.  Site surveyed 6/06/09 by PWS Tactics Committee.  Vessels should use the southern entrance to the cove.  A population of bears is present during salmon runs. A bear guard is required.  Tested: not yet
PWS NW-24-03 	<b>Surprise Cove</b> a. Lat. 60°45.65'N Lon. 148°23.68'W  b. Lat. 60°45.44'N Lon. 148°23.62'W  c. Lat. 60°45.37'N Lon. 148°23.45'W	<b>Passive Recovery</b> Place passive recovery across the mouth of the designated salmon streams and intertidal areas.	Place and anchor snare or sorbent boom across the mouth of the designated salmon stream and intertidal areas.  Replace as necessary to maximize the recovery.  <u>Boom Lengths:</u> a. 200 ft. b. 240 ft. c. 520 ft.	<b>Deployment</b> <b>Equipment</b> 960 ft. snare or sorbent boom 4 ea. anchor systems 12 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as NW-24-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as NW-24-02	Vessel platform	Marine  Chart 16705-1	Same as NW-24-02	Use snare boom for persistent oils and sorbent boom for non-persistent oils.  Title 16 Fish Habitat Permit required from ADF&G.