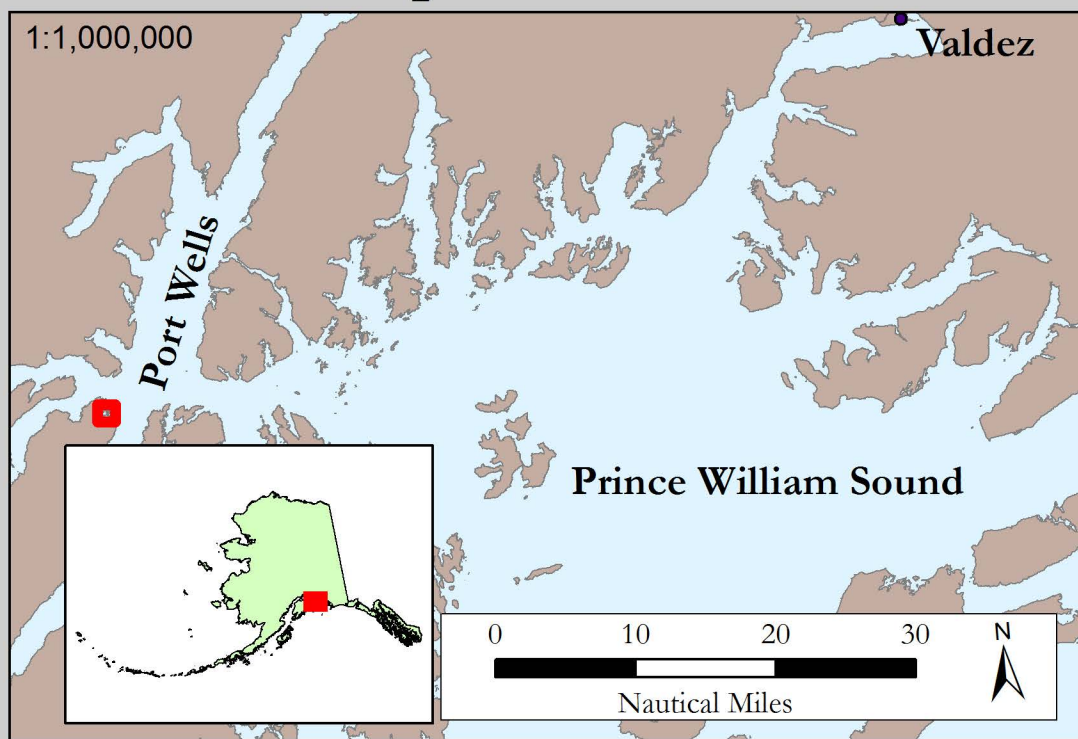


Map & Photo



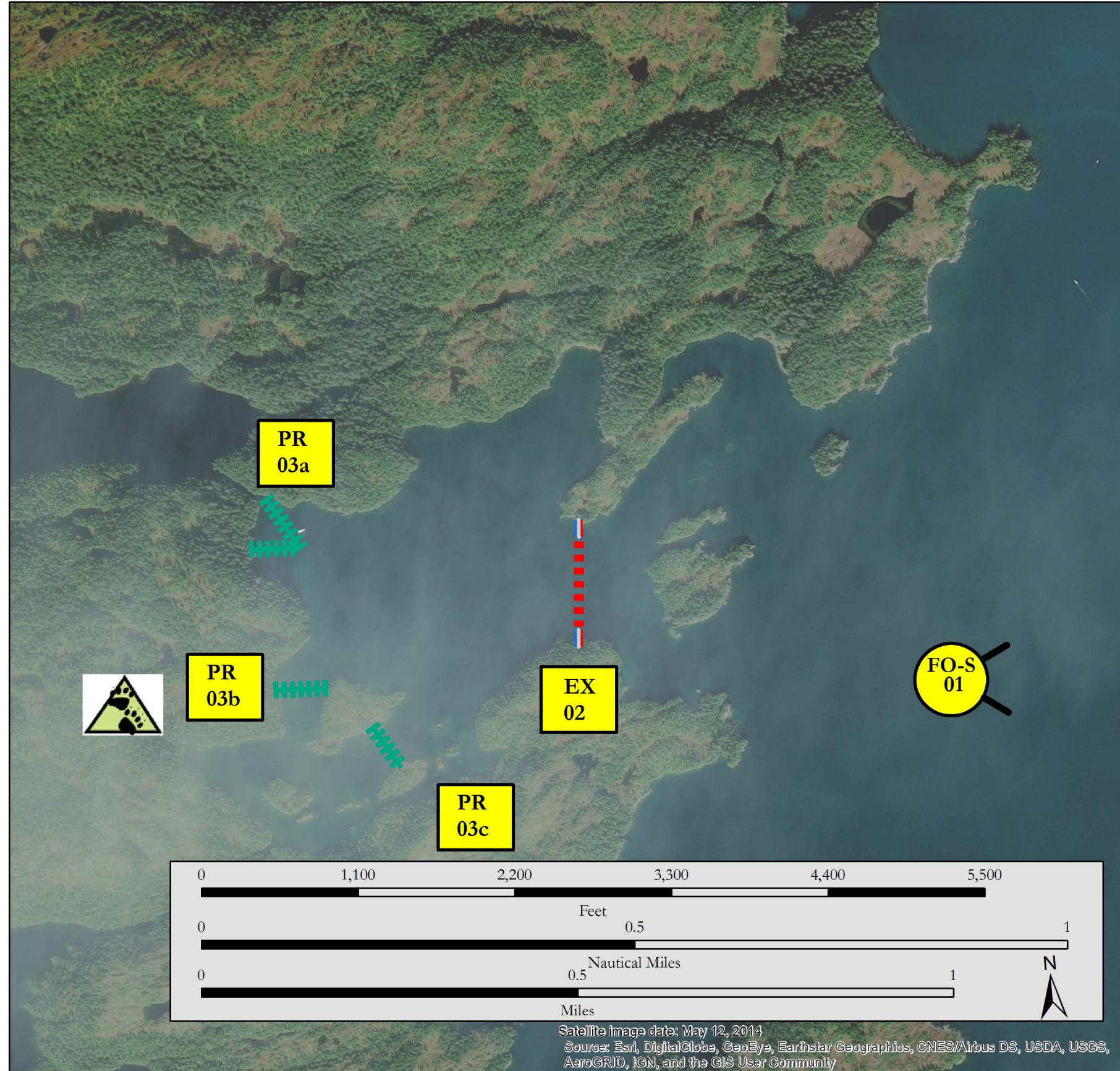
Surprise Cove viewed from the northeast

Legend

- Free Oil Containment & Recovery, Shallow Water
- Exclusion Boom
- Passive Recovery and Collection
- Bears in Area, Guards Needed
- Shore Seal Boom
- Protected Water Boom
- Snare or Sorbent Boom

Geographic Response Strategies for Prince William Sound NW Zone

Surprise Cove, PWS-NW-24



Map is not intended for navigational use.

Lat. 60° 45.59' N  
Lon. 148° 23.01' W  
(center of map)

Produced by: NUKA Research And Planning Group, LLC, August 13, 2012  
Updated by: ADEC and USCG, Nov 4, 2019

| ID                                                                                                     | Location and Description                                                                                                                                                   | Response Strategy                                                                                                                                         | Implementation                                                                                                                                                                                                                            | Response Resources                                                                                                                                                                                                                                                                                                                                                                           | Staging Area    | Site Access                            | Resources Protected (months)                                                                                                                                                                                            | Special Considerations                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PWS<br>NW-24-01<br>   | <b>Surprise Cove</b><br><br>Nearshore waters in the general area of:<br><br>Lat. 60° 46' N<br>Lon. 148° 23' W                                                              | <b>Free-oil Recovery</b><br><br>Maximize free-oil recovery in the offshore & nearshore waters of Surprise Cove. Location depends on spill and trajectory. | Deploy free-oil recovery strike teams upwind and up-current of Surprise Cove.<br><br>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<br><br>Chart 16705-1 | Same as NW-24-02                                                                                                                                                                                                        | Vessel master should have local knowledge.<br><br>Caution: shoal waters contain numerous reefs and rocks.                                                                                                                                                                                                                                                                                               |
| PWS<br>NW-24-02<br>   | <b>Surprise Cove</b><br><br>Lat. 60° 45.56' N<br>Lon. 148° 23.00' W                                                                                                        | <b>Exclusion</b><br><br>Exclude oil from impacting the salmon streams and intertidal area in Surprise Cove.                                               | Deploy anchors and boom with skiffs (class 6) at high tide.<br><br>Place a gate to facilitate access to the anchorage.<br><br>Tend throughout the tide.<br><br>Boom Lengths:<br>a. 800 ft. protected water<br>b. 200 ft. tide seal boom   | <b>Deployment Equipment</b><br>800 ft. protected-water boom<br>200 ft. tide seal boom<br>1 ea. gate system<br>4 ea. anchor systems<br><br><b>Vessels</b><br>1 ea. class 3<br>2 ea. class 6<br><br><b>Personnel/Shift</b><br>5 ea. vessel crew/general techs<br><br><b>Tending Vessels</b><br>1 ea. class 3<br>1 ea. class 6<br><br><b>Personnel/Shift</b><br>3 ea. vessel crew/general techs | Vessel platform | Via marine waters<br><br>Chart 16705-1 | <b>Fish-</b> intertidal spawning- salmon (May–Sept.)<br><br><b>Marine mammals</b> – sea otters<br><br><b>Habitat</b> - sheltered rocky shoreline<br><br><b>Human use</b> -high recreational area, camping and anchorage | Vessel master should have local knowledge.<br><br>Vessels should use the southern entrance to the cove.<br><br>REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist.<br><br>A population of bears is present during salmon runs. A bear guard is required.<br><br>Site surveyed 6/6/09 by PWS Tactics Committee.<br><br>Tested: September 7, 2018 by SERVS. |
| PWS<br>NW-24-03<br> | <b>Surprise Cove</b><br><br>a. Lat. 60° 45.65' N<br>Lon. 148° 23.68' W<br><br>b. Lat. 60° 45.44' N<br>Lon. 148° 23.62' W<br><br>c. Lat. 60° 45.37' N<br>Lon. 148° 23.45' W | <b>Passive Recovery</b><br><br>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.<br><br>Replace as necessary to maximize the recovery.<br><br><u>Boom Lengths:</u><br>a. 200 ft.<br>b. 240 ft.<br>c. 520 ft. | <b>Deployment Equipment</b><br>960 ft. snare or sorbent boom<br>4 ea. anchor systems<br>12 ea. anchor stakes<br><br><b>Vessels/Personnel/Shift</b><br>Same as NW-24-02<br><br><b>Tending Vessels/Personnel/Shift</b><br>Same as NW-24-02                                                                                                                                                     | Vessel platform | Via marine waters<br><br>Chart 16705-1 | Same as NW-24-02                                                                                                                                                                                                        | Use snare boom for persistent oils and sorbent boom for non-persistent oils.<br><br>Title 16 Fish Habitat Permit required from ADF&G.                                                                                                                                                                                                                                                                   |