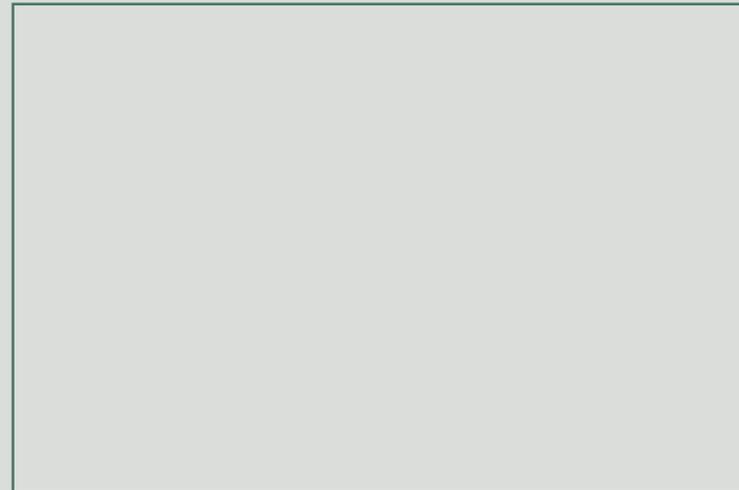
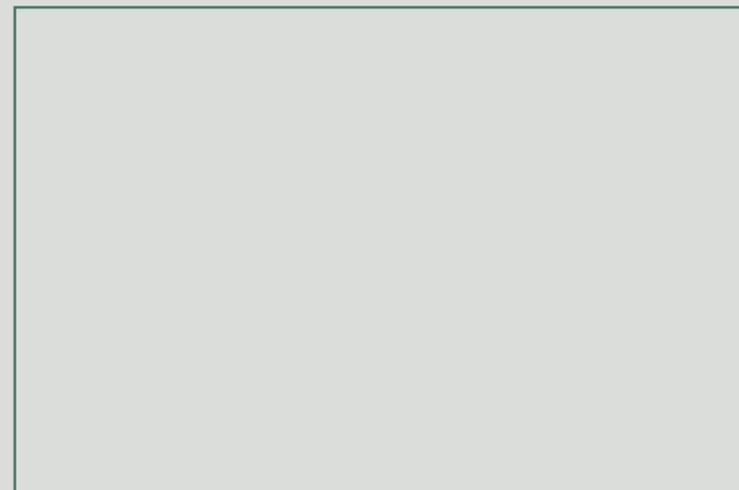


Map & Photo Legend

caption



caption



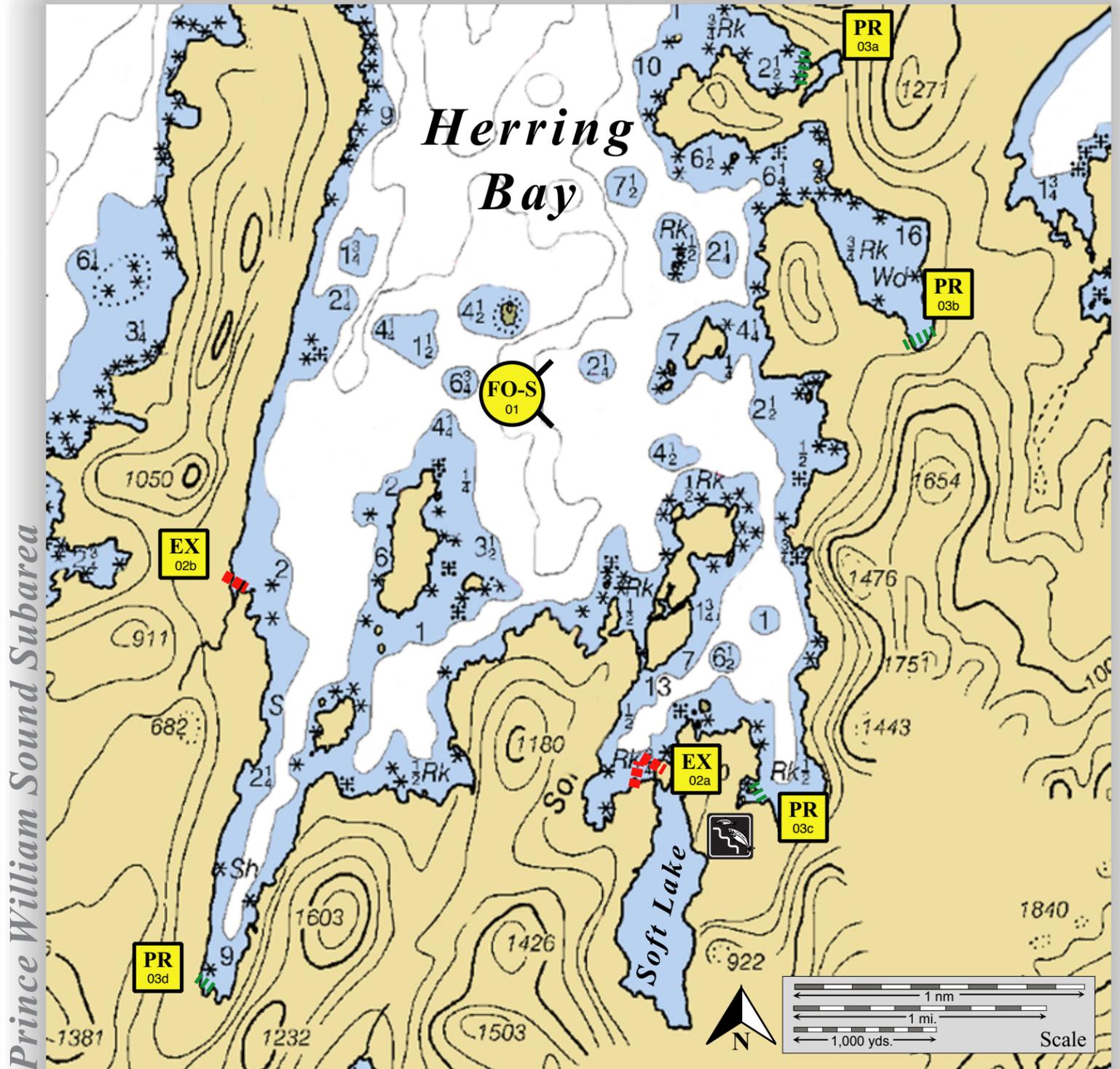
-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Passive Recovery
-  Protected-water Boom
-  Snare or Sorbent Boom
-  Fish Ladder
-  Bears in Area, Guards Recommended

caption

Herring Bay, PWS-SW-18

Center of map at 60° 27.86' N Lat., 147° 45.09' 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 SW-18-01  | Herring Bay Nearshore waters in the general area of: Lat. 60°27.86'N Lon. 148°45.09'W | Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Herring Bay depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Herring Bay. 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 SW-18-02 | Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks. |
| PWS SW-18-02  | Herring Bay a. Lat. 60°25.90'N Lon. 147°43.96'W b. Lat. 60°26.59'N Lon. 147°47.15'W | Exclusion Exclude oil from impacting the identified streams and intertidal areas in Herring Bay. | Approach the site at high tide. Place and anchor protected-water boom across the stream mouths and intertidal areas. (a) protects a fish ladder. It will require bolts in rock face to secure. Form both arrays in a chevron pattern extending out into the intertidal area. Tend throughout the tide. <u>Boom Lengths:</u> a. 450 ft. b. 500 ft. | Deployment Equipment 950 ft. protected-water boom 4 ea. anchor systems 4 ea. anchor stakes 2 ea. rock bolts and installation equipment Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew | Vessel platform | Via marine waters Chart 16705-1 | Fish- intertidal spawning- salmon (May-Sept.) Marine mammals- otters, seals Habitat- marsh, sheltered rocky shoreline Human use- commercial fishing, high recreational use, sport fishing | Vessel master should have local knowledge. Title 16 Fish Habitat Permit required from ADF&G. A population of bears is present during salmon runs. A bear guard is required. Tested: not yet |
| PWS SW-18-03  | Herring Bay a. Lat. 60°28.59'N Lon. 147°42.65'W b. Lat. 60°27.55'N Lon. 147°41.81'W c. Lat. 60°25.81'N Lon. 147°43.12'W d. Lat. 60°25.05'N Lon. 147°47.32'W | Passive Recovery Place and anchor passive recovery across the identified streams and intertidal areas. | Approach the identified streams at high tide. Place and anchor snare or sorbent boom across the mouths of each designated salmon streams at the high tide mark. Replace as necessary to maximize the recovery. <u>Boom Lengths:</u> a. 80 ft. b. 200 ft. c. 80 ft. d. 80 ft. | Deployment Equipment 440 ft. snare or sorbent boom 22 ea. anchor stakes Vessels/Personnel/Shift Same as SW-18-02 Tending Vessels/Personnel/Shift Same as SW-18-02 | Vessel platform | Via marine waters Chart 16705-1 | Same as SW-18-02 | Use snare boom for persistent oils and sorbent boom for non-persistent oils. Title 16 Fish Habitat Permit required from ADF&G. |