

Map & Photo Legend



SW-13-02a,b,c, 03 Head of MacLeod Harbor viewed from the west.



SW-13-02g Stream on south shoreline of MacLeod Harbor viewed from the north.



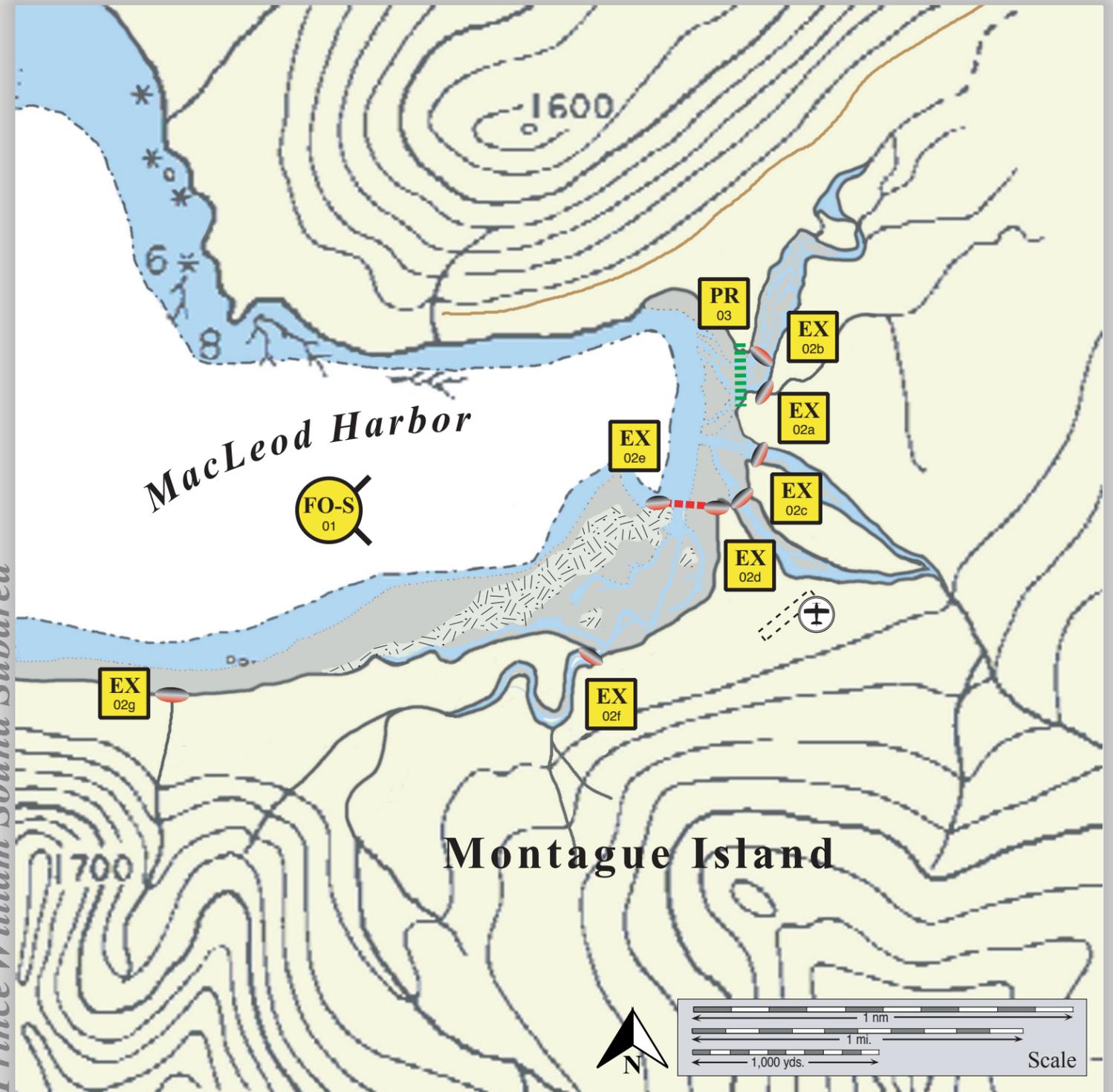
SW-13-02d,e,f Lagoon and streams on south shoreline of MacLeod Harbor viewed from the west.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Passive Recovery and Collection
-  Protected-water Boom
-  Tidal-seal Boom
-  Passive Collection (Snare Line)
-  Sandbar
-  Primitive Runway
-  Road

Geographic Response Strategies for Prince William Sound Subarea

MacLeod Harbor, PWS-SW13

Center of map at 59° 54.0' N Lat., 147° 48.5' 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-13-01 | MacLeod Harbor Nearshore waters in the general area of: Lat. 59° 52.9 N Lon. 147° 48.70W | Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of MacLeod Harbor depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of MacLeod Harbor. 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. | Valdez or Whittier | Via marine waters Chart 16701-1 | Same as SW-13-02 | Vessel master should have local knowledge. Site surveyed: 7/14/03 PWS GRS Tactics Committee |
| SW-13-02 | MacLeod Harbor a. Lat. 59° 53.39 N Lon. 147° 45.54 W b. Lat. 59° 53.15 N Lon. 147 45.46 W c. Lat. 59° 53.07 N Lon. 147° 45.01 W d. Lat. 59° 52.81 N Lon. 147° 45.52 W e. Lat. 59° 52.85 N Lon. 147° 45.52 W f. Lat. 59° 52.52 N Lon. 147° 46.09 W g. Lat. 59° 52.48 N Lon. 147° 46.72 W | Exclusion Exclude oil from the marshes and streams in MacLeod Harbor. | Transport equipment by vessel (class 2/3/4). Deploy anchors and boom with skiffs (class 6). Place tidal-seal boom directly across the streams for arrays (a),(b),(c),(d),(f),(g). In array (e), place 150 ft. section of tidal-seal boom anchored on the spit forming the lagoon and 50 ft. tidal-seal boom anchored on the shore. Complete with protected-water boom across the lagoon entrance. Tend throughout the tide. <u>Boom Lengths:</u> a. 150 ft. b. 150 ft. c. 150 ft. d. 150 ft. e. 700 ft. f. 50 ft. g. 50 ft. | Deployment Equipment 500 ft. protected-water boom 5 section 150 ft. tidal-seal boom 3 section 50 ft. tidal-seal boom 9 ea. anchor systems (~20 lbs.) 18 ea. anchor stakes Vessels 2 ea. class 3/4 2 ea. class 6 Personnel/Shift 10 ea. vessel crew Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 3 ea. vessel crew | Vessel platform | Via marine waters Chart 16701-1 Primitive runway and lodge might be used for logistical support | Fish- intertidal spawning- salmon, Birds- eagle nest (May-Sept.),waterfowl concentrations/nesting, seabird foraging Habitat-marsh, sheltered tidal flats Marine mammals-otters Human use-high recreational use (May-Sept.), anchorage, commercial fishing, subsistence-terrestrial mammals | Vessel master should have local knowledge. Details of the harbor are significantly different from the NOAA Chart. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Title 41 permitting required from AKDNR. Site surveyed: 7/14/03 PWS GRS Tactics Committee Tested: not yet |
| SW-13-03 | MacLeod Harbor Lat. 59° 53.30 N Lon. 147° 45.48 W | Passive Recovery Recover oil through passive recovery before it enters the tidal marsh. | Transport equipment by vessel (class 2/3/4). Place and anchor snare line or sorbent boom across the tidal flats. Replace as necessary to maximize the recovery. | Deployment Equipment 2200 ft. snare or sorbent boom 8 ea. anchor stakes Vessels/Personnel/Shift Same as SW-13-02 Tending Vessels/Personnel/Shift Same as SW-13-02 | Vessel platform | Via marine waters Chart 16701-1 | Same as SW-13-02 | Use snare boom for persistent oils and sorbent boom for non-persistent oils. Title 41 permitting required from AKDNR. Site surveyed: 7/14/03 PWS GRS Tactics Committee |