

**OMSI Docks (OR)****WR-13.5R**

**Position - Location:** 45° 30.468', -122° 40.017' 45° 30' 28.1", -122° 40' 1.0" 45.50780, -122.66694 Portland

**Strategy Objective:** Exclusion : Prevent oiling of historic submarine.

**Implementation:** Launch workboat from Ross Island Sand & Gravel, BL-WR-13.9R, with 600ft. boom. Deploy boom around historic submarine and docks. Anchor at AP-1 using shoreside anchor posts. Anchor to AP-2 and AP-3 using Danforth or other anchors. Anchor at AP-4 using shoreside anchor posts or anchor to walkway supports. Anchor along boom length as necessary for conditions.

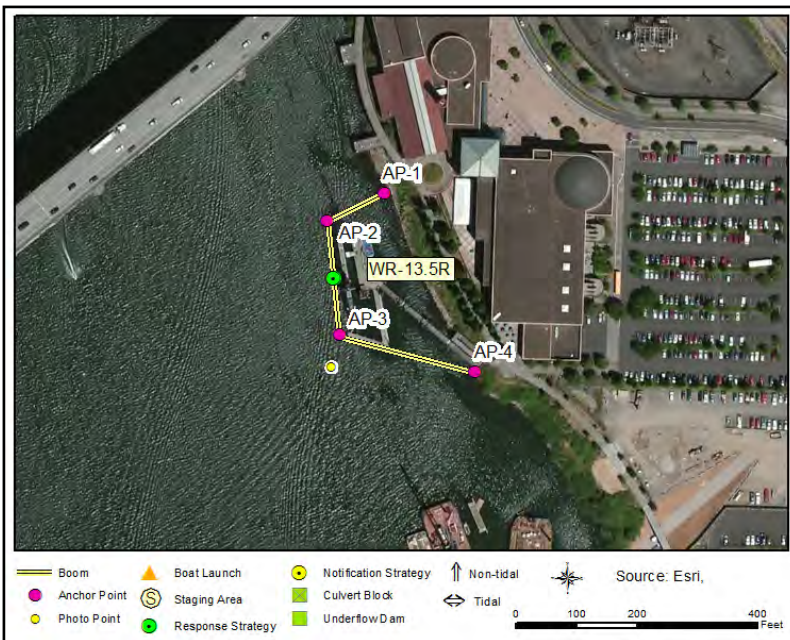
**Staging Area:** Remote: Stage at Ross Island Sand & Gravel, SA-WR-13.9R

**Site Safety:** Slips, trips, and falls. Water hazards. Recreational and industrial vessel traffic.

**Field Notes:** Site is intended to protect historic submarine at OMSI and accompanying docks. There will likely be pedestrian traffic in the area.

**Watercourse:** River - Below a Dam - Willamette River

**Resources at Risk:** Economic Resource

**Recommended Equipment**

5 Each	Anchor - Danforth (or other appropriate type)
600 Feet	Boom - B3 (River Boom) or equivalent
2 Each	Shore Connect System (posts, driver, anchor, chain, line)
1 Each	Workboat(s) - of adequate size for type and amount of boom

**Recommended Personnel**

1	Boat Operator
2	Laborer
1	Supervisor