LOWER COLUMBIA RIVER GRP OCTOBER 2015

## 

**Position - Location:** 46° 12.904', -123° 58.734' 46° 12' 54.2", -123° 58' 44.0" 46.21506, -123.97890 Warrenton

**Strategy Objective:** Exclusion: Prevent oil from entering Jetty Lagoon

Implementation:

Launch workboat from Hammond Marina boat launch, BL-LCR-8.7L with 500ft. boom. Deploy boom in a chevron configuration on the river side of the west jetty opening. Anchor to AP-1 and AP-2 using natural anchors or shoreside anchor posts. Anchor to AP-3 using Danforth or other anchor and anchor along boom length every 100-150ft. or as necessary for conditions.

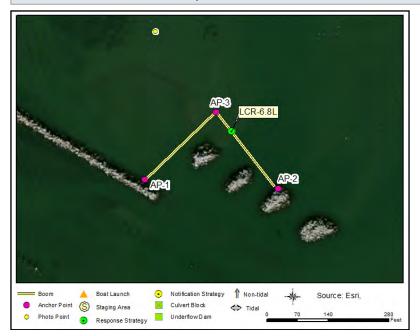
Staging Area: Remote: Stage at SA-LCR-8.7L Hammond Marina, launch at same BL-LCR-8.7L.

**Site Safety:** Slips, trips, and falls. Water hazards.

Field Notes: Boat access only. Flow through the opening can be high during tidal exchanges, add boom as necessary to prevent entrainment.

Watercourse: River - With Tidal Influence - Mouth of Columbia River

Resources at Risk: Salmonids, Waterfowl and Shorebird Concentrations, Wetland Habitat



## Recommended Equipment 4 Each Anchor - Danforth (or other appropriate type) 2 Each Anchoring System(s)- Shoreside 500 Feet Boom - B2 (Contractor Boom) or equivalent 1 Each Workboat(s) - of adequate size for type and amount of boom

## Recommended Personnel

1	Boat Operator
2	Laborer
1	Supervisor

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