



PACIFIC SENTINEL: RAPID RESPONSE SKIMMING VESSEL

The Pacific Sentinel is a 65-foot Ocean Class Oil Spill Response Vessel (OSRV) built by Rozema Boat Works in Washington State. It is only the seventh vessel of its kind—with sister vessels operating in Santa Barbara servicing the offshore production platforms off the California coast.

The 65-foot OSRVs are smaller, faster and more cost effective than older unsheltered water vessels. The Pacific Sentinel provides WCMRC with improved open water rapid response and night time operations capacity.

The Pacific has a top speed of 26 knots when travelling to an incident. Once on-scene, the boom arms can be deployed within minutes. Two onboard Lamor skimming brushes have a combined skimming capacity of 32.8 tonnes per hour.

With overnight accommodation space for five crew members, the Pacific is the third vessel in WCMRC's fleet that can operate continuously for multiple days in open water before requiring resupplies.

The Pacific Sentinel will join four other Rozema built vessels in the WCMRC fleet—the 47-foot Bay Class OSRV's the Eagle Bay and the M.J. Green.; and the 65-foot GM Penman and Hecate Sentinel.

QUICK FACTS

65-foot OSRV designed for unsheltered water

Powered by twin 1,600 HP Caterpillar diesel engines, giving it a top speed of 26 knots

With boom arms deployed the skimming speed is 1.5 knots

3,000 gal of fuel storage for increased range and endurance

Skimming system: Two Lamor brush skimmers

Can skim 32.8 tonnes per hour with a storage capacity of 30 tonnes

On deck boom reel with 1,500 feet of 42" Kepner ocean boom

Equipped with a gyro stabilized FLIR (forward-looking infrared) camera