



EFB-10827

## 108' x 27' Fireboat

Designed as a multi-mission response platform, Seattle Fire Department's Fireboat LESCHI has a separate command and control center, medical treatment room, spill containment boom, a rescue RIB and an aluminum work skiff stowed on the stern ramp for quick launching and ease of recovery. A crane on the aft deck is fitted with cameras and a fire nozzle that can reach the deck of high freeboard container ship to view hot spots and direct water and foam as necessary.

LESCHI was the first civilian vessel to be fitted with a military grade CBRNE (Chemical Biological Radiation Nuclear Environment) air filtration system to protect the crew from airborne toxins. An airlock amidships allows crew to exit and enter the cabin and treatment room while protecting the interior spaces from contamination. The crew is free to operate the vessel without being tethered to breathing apparatus that may hinder movement in an emergency.

JENSEN developed the design drawings, specifications and provided construction management.

Powered by a pair of diesel engines, the vessel can reach speeds in excess of 14 knots. The twin diesel pump engines power four fire pumps that pump 24,000 gpm of water through eight deck monitors [1x7,000 gpm, 2x5,500 gpm, 2x3,000 gpm, 3x1,500 tpm] or two under wharf monitors (2x1,800 gpm). Water can be supplied ashore through three outlet manifolds each fitted with four 4" and two 2-1/2" hose connections. The vessel also carries 6,000 gallons of foam concentrate that can be applied through most monitors and manifolds.

