JENSEN MARITIME
PRESS RELEASE

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For Immediate Release

Jensen to Design Custom "Super Pumper" Fireboat for City of San Francisco
Fireboat to be Equipped with Six Fire Monitors and 26 Manifold Valves for High-Volume Water and/or Foam Firefighting

(SEATTLE; Feb. 9, 2012) -- Jensen Maritime Consultants, Inc., a Crowley company, has been chosen to design a custom "super pumper" fireboat to enhance the City of San Francisco Fire Department’s (SFFD) marine fire fighting and response capabilities on water.

This high-volume water and foam pumping NFPA Type II fireboat will feature six fire monitors and 26 manifold valves, allowing for more than 16,000 gallons of water and/or fire-fighting foam per minute to be thrown from a distance of 300 feet to extinguish flames quickly and safely. Typically NFPA Type II fireboats are equipped with four fire monitors and eight manifold valves, and can pump 10,000 gallons per minute.

The availability of so many monitors and valves means that the fireboat will be equipped to provide water directly from the bay or ocean should shoreside fire mains be damaged by an earthquake.
Meeting NFPA standards, Jensen will design the boat primarily for high-volume water pumping, firefighting, rescue, emergency medical service and patrol in the waters of San Francisco and San Pablo Bays and the Pacific Ocean within five miles of shore and the adjoining inland waterways.

The boat will be designed with a semi-displacement hull type to maximize capacity and reduce operating costs. Once built, the fireboat will measure 90 feet in length and 24 feet in breadth. It is estimated that the vessel be capable of reaching speeds of 12 knots. The vessel will not be classed.

On board, the vessel will be equipped with CBRNE (chemical, biological, radiological, nuclear and explosive) detection capabilities and will have self-contained breathing apparatuses (SCBAs) for the safety of firefighting personnel and crewmembers.

"This highly capable fireboat will be a real asset to San Francisco Fire Department as it responds to a variety of marine events, including natural disasters such as earthquakes," said Jensen's Johan Sperling, vice president. "We will work closely with fire department personnel to design a versatile and highly efficient boat that can extinguish flames quickly and safely. We are pleased to offer our expertise and provide another industry-leading design."

Additional design features include a steel hull, a main deck and pilot house that will accommodate three crewmembers, four firefighters, four passengers and up to 60 rescue victims; forward looking infrared (FLIR) to aid with firefighting and search and rescue; and a fuel capacity and efficiency that makes it possible for the boat to remain on scene for up to 36 hours without refueling.

The design is expected to be finalized during the second quarter of 2012, and the construction and delivery will be complete during the fall of 2013.

Jensen has vast experience designing fireboats of all types for major cities on the West Coast. Jensen's recent vessel designs include the fastest fireboat on the Columbia River for the City of Portland's Fire & Rescue team; a 108-foot fireboat and 50-foot fast-attack fireboat for the Seattle Fire Department; three 40-foot fireboats for the Los Angeles Fire Department; a 40-foot fireboat for the Los Angeles County Fire Department; and a 37-foot, 40-knot patrol boat and 44-foot patrol boat for the Seattle Police Department. Jensen has a complete line of fireboat designs ranging from 38 to 108 feet.

Seattle-based Jensen Maritime Consultants, Inc., is a naval architecture and marine engineering firm owned by Crowley Maritime Corporation. The company offers a diverse range of consulting, design and engineering services developed from 50 years experience working around the world. Jensen is a recognized leader in the design of all types of vessels - particularly workboats, fishing boats and passenger ferries - and has built a favorable reputation on a long history of successful designs and conversions with close attention to engineering basics. The company's services include detail and conceptual design and engineering, lofting, regulatory and shipyard liaison as well as on-site consulting services and on-location assistance anywhere in the world. Additional information about Jensen may be found on the Internet at www.jensenmaritime.com.

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