

Two New Fireboats for Fireboat Stations 15 and 20 Construction Management Services Port of Long Beach, California

Owner:
Port of Long Beach

Owner Contact:
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Key Personnel:
Paul Buckley, P.E.
Jared Kemp, EIT

Management Cost:
\$4.1M

Construction Cost:
\$51.6M

Completion Date:
September 2016



The Port of Long Beach is procuring two new fireboats to provide a platform for countering the threat of natural and man-made hazards. The new boats were designed to enhance capabilities in fire services, security, command and control, emergency medical services, fire suppression, search and rescue, pollution control, and underwater search and

recovery. The vessels will be 108-feet long with a pumping capacity of 40,000 gallons per minute. Simplus is part of the Jensen Maritime Consultants team to provide specialized construction management services. The vessels are being constructed in Seattle, Washington.

Responsibilities include construction management, contract administration, project controls, CPM schedule review and monitoring, estimating, inspection, constructability reviews, processing and review of submittals, RFI's, progress payments, change order requests, meeting minutes, notices, document control, claims management, dispute resolution, permit/environmental/labor compliance and regulatory support, and systems commissioning. One of the vessels will be constructed under a Department of Homeland Security Port Security Grant Program, requiring compliance with Federal Grant monitoring and reporting provisions.

The Vessels are designed with the following features:

- All welded steel hull with aluminum deckhouse and wheelhouse.
- Large working deck both forward and aft.
- Raised wheelhouse with 360-degree visibility.
- Dedicated Command Information Center with 180-degree visibility.
- The ability to respond to fires or other incidents where chemical, biological, radiological or nuclear agents may be present.
- Propulsion is by twin controllable-pitch cycloidal drive units.

The project includes extensive coordination and communication with the Port, shipbuilding facilities, naval architects and design consultants, U.S. Coast Guard, and federal and state regulatory agencies, including the Department of Homeland Security.

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