



THE WORLD'S MOST
COMPREHENSIVE
MARINA BUILDER

PRESS RELEASE
FOR IMMEDIATE RELEASE

Bellingham Marine
PO Box 8
Bellingham, WA 98227
Phone: (360) 676-2800
www.bellingham-marine.com
news@bellingham-marine.com

Release #: 1508

Advanced Berthing System in Long Beach Greet First Panamax Bulk Carrier

Long Beach, California – August 7, 2015 – The unique berth at D44 in Long Beach, California, designed in partnership by Seabulk, world leader in solutions for the marine bulk industry, and Bellingham Marine, world renowned marina builder, was developed in response to a need for an environmentally friendly, low cost berthing system designed specifically for the docking of Panamax-class, self-discharging bulk carriers.

The berthing system developed by the team for Eagle Rock Aggregates includes two stifflegs supported by match-cast, post-tensioned floating concrete platforms. The legs position the self-unloading bulk carrier and provide a load path to bearing walls at the top of the bank. The legs also support a walkway for vessel line handling and pilot access to the buoyancy float.

CSL Tecumseh arrived at the berth on the morning of July 19th. Polaris Materials, President and CEO, Herb Wilson reported the ship's pilot and crew were impressed by the strength of the stifflegs and how easy line handling was at the new berth. Polaris Materials is the parent company of Eagle Rock Aggregates.

"The stiffleg system utilized at D44 delivered ship berthing and mooring at a fraction of the cost of a conventional pile supported facility," shared, Mark Mattila, Vice President of Ports and Marine for Seabulk. "For clients where project capital cost is important, this solution may be of interest. Different versions of the stiffleg system have been designed for bulk carriers and barges discharged by front end loaders."

Additional features and benefits of the system include minimal overwater coverage, pre-fabrication of components for quick and easy marine installation, and the absence of marine pile driving reduces costs and is an ecological benefit.

Mattila added, "Bellingham Marine's concrete buoyancy floats mesh beautifully with the design and provide requisite buoyancy and deadweight for the system to work."

As the world's leading marina design-build construction company, Bellingham Marine specializes in floating dock, floating platform and floating wave attenuation systems for marinas worldwide. The company also produces dry storage systems for the upland storage of boats.

Global provider of innovative solutions in the marine bulk industry for the delivery of cargo from producer to end user, Seabulk specializes in the development of onshore and offshore installations for dry bulk and liquid bulk handling.

###