

## **JFE Engineering Receives Series of Orders for Ballast Water Management Systems for Large Ships**

19 April 2011

JFE Engineering Corporation

JFE Engineering Corporation recently received a series of new orders for its ballast water management system, "JFE BallastAce." Following installation on an operating car carrier in September 2010, the JFE received orders for retrofitting on one operating large-scale vessel owned by Kawasaki Kisen Kaisha, Ltd. ("K" Line) and installation on two new large-scale vessels which are currently under construction by Universal Shipbuilding Corporation. The system installed on the large-scale ship for Kawasaki Kisen has the largest single-unit capacity of any system in Japan. The orders from Universal Shipbuilding are the first example of installation of large-scale treatment systems on new ships by a Japanese maker.

In deciding on installation, these clients gave JFE BallastAce high marks as a system that clears numerous technical hurdles, such as installation space and power consumption, and safely and reliably realizes the large volume/high speed ballast water treatment required by large-scale vessels. In the future, JFE Engineering will actively present proposals to clients planning installation for ships of all types.

### **[Outline of installations]**

#### **1) Large-scale coal carrier currently in operation**

Client: Kawasaki Kisen Kaisha, Ltd.

Ship type: Over-Panamax size

Ballast water treatment capacity: 3,500m<sup>3</sup>/h

Date decided: December 2010



**2) Newly-constructed large-scale bulkers  
(2 ships of the same type as described below)**

Client: Universal Shipbuilding Corporation

Ship type: Cape-size

Ballast water treatment capacity: 5,600m<sup>3</sup>/h (2,800m<sup>3</sup>/h x 2 units)

Date decided: February 2011

\*Photo shows a ship of the same type.



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