



October 7, 2015

JFE Engineering Corporation  
Japan Marine United Corporation  
IMC Co., Ltd.

### **Expansion of Maintenance System for JFE Ballast Ace<sup>®</sup> Ship Ballast Water Management System**

JFE Engineering Corporation (Head Office: Chiyoda-ku, Tokyo; President and CEO: Hisanori Kanou) and IMC Co., Ltd. (Head Office: Minato-ku, Tokyo; President: Takayuki Sasaki), which is a wholly-owned subsidiary of Japan Marine United Corporation (Head Office: Minato-ku, Tokyo; President and CEO: Shinjiro Mishima), announced the conclusion of a business collaboration agreement for maintenance and inspection, repair, commissioning, etc. of the JFE Ballast Ace<sup>®</sup> ballast water management system.

JFE Ballast Ace<sup>®</sup> is a system which filters and takes up seawater through a filtration system and removes the marine organisms contained in that seawater by chemical treatment. The performance of the JFE Ballast Ace<sup>®</sup> system has won an outstanding reputation for enabling “Simple,” “Sure” and “Safe” treatment of ballast water. Since receiving type approval in May 2010, it has been adopted in a cumulative total of more than 700 ships in Japan and other countries.

JFE Engineering Corporation, together with ISS Machinery Services Limited<sup>\*1</sup> and Mashin Shokai Limited<sup>\*2</sup>, previously established a support system for JFE Ballast Ace<sup>®</sup> after being equipped with this. By adding the skills and network of the Japan Marine United Group, the recently-announced collaboration agreement will expand the number of JFE Ballast Ace<sup>®</sup> maintenance bases to 21 bases at major ports around the world, thereby offering improved convenience for service by ships equipped with the JFE ballast water management system.

Japan Marine United constructed a global network of group companies in Japan and overseas, cooperating overseas repair yards and running repair contractors, etc. for the ship life cycle business, and had provided total support for ship commissioning, including post-commissioning services for ship machinery and other services.

IMC Limited recently succeeded to the life cycle business of Japan Marine United effective October 1, 2015, and aims to expand its business in the field of environmental countermeasures, where growth is expected in the future, by adding post-commissioning services for ballast water management systems to

its service lineup.

In the future, JFE Engineering, Japan Marine United and IMC will make full use of the strengths of the respective businesses of the three companies to contribute to preservation of the marine environment by responding to the needs of customers for ballast water management.

\*1 ISS Machinery Services Limited is a ship trading company which is engaged in sales of JFE Ballast Ace<sup>®</sup> and supply of related parts.

\*2 Mashin Shokai Limited is a sales company for ship-related products; chemicals for JFE Ballast Ace<sup>®</sup> are supplied using the Mashin Shokai network of 23 bases located in major ports around the world.

Post-commissioning service and chemical supply bases for JFE Ballast Ace<sup>®</sup>

Inspection and maintenance bases: 21 locations

Chemical supply bases: 23 locations

Ship equipped with JFE Ballast Ace<sup>®</sup>

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For inquiries regarding this press release, please contact JFE Engineering Japan Marine United and IMC at the following:

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