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**MIURA's HK Ballast Water Management System Obtained  
the Equivalent Designation Approval from the MLIT**

MIURA CO.,LTD. (Head Office: Matsuyama, Ehime Prefecture, President: Daisuke Miyauchi, hereinafter MIURA), Japan's leading manufacturer of small once-through boilers, has announced that MIURA's HK ballast water management system (hereinafter HK) got the equivalent designation\*1 from the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) based on the Act for Revision of the Act on Prevention of Marine Pollution and Maritime Disaster (hereinafter the domestic act).

HK had obtained the certificate of ballast water management system (hereinafter pre-enforcement approval\*2) before. Now that the domestic act has been revised, the equivalent designation has been conferred after confirming that the equipment performance as well as the quality management system are appropriate as those of a ballast water management system manufacturer. On account of this, we issue the equivalent certificate to the vessel with Japanese nationality.

Regarding AMS, HK acquired the AMS\*3 approval allowing HK to be used in all water areas including freshwater in March 2016. This means that HK can be used in all water areas of all over the world. MIURA is forging ahead to obtain the USCG Type Approval \*4.

We continue activities to meet various needs of our customers.

\*1 Equivalent designation: As the International Convention for the control and management of ships' Ballast Water and Sediments has not come into effect yet, the domestic act does not completely take effect. Hence, the equivalent designation is ongoing. If the convention comes into effect (i.e. the domestic act completely comes into effect), it shall be regarded as the type designation.

\*2 Pre-enforcement approval: A temporary approval before the revision of the domestic act. Based on G8 guidelines, the equipment performance shall be evaluated and the approval shall be given by Japan

\*3 AMS (Alternate Management Systems): A measure in which the USCG (United States Coast Guard) gives temporary approval for ballast water treatment equipment that have already been approved by the IMO (International Maritime Organization)

\*4 USCG Type Approval: The approval regarding the original ballast water treatment regulation defined by the USCG

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