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USCG*1 Issues AMS Approval*2 for MIURA's Ballast Water Management System HK for Freshwater Conditions

MIURA CO.,LTD. (Head Office: Matsuyama, Ehime, President & CEO: Yuji Takahashi, hereinafter MIURA), Japan's leading manufacturer of small once-through boilers has announced that its Ballast Water Management System HK has obtained AMS approval in freshwater conditions from the USCG.

MIURA's Ballast Water Management System HK (hereinafter HK) had already obtained approval for sea water and brackish water conditions as of November 2014. With this AMS approval for freshwater conditions as regulated by the USCG*3, HK can now be used for all water qualities (sea water, brackish water, and freshwater), regardless of salinity concentration. This will allow MIURA to be even more flexible in meeting the various needs of the customers.

In the future, MIURA hopes to make efficient use of the internal fresh water testing site that it has established and promote test checks toward obtaining USCG type approval*4 for HK.

■ The Path to AMS Approval and Future Plans

March 2014:	Received approval from the Ministry of Land, Infrastructure, Transport and Tourism based on the IMO Guidelines.
November 2014:	Received AMS approval from the USCG (sea water and brackish water).
November 2015:	Completed freshwater performance testing at the internal freshwater testing site, and submitted application.
From February 2016:	Continued freshwater testing toward USCG type approval.
FY 2017:	Plan to obtain USCG type approval.

*1 USCG: United States Coast Guard.

*2 AMS: A measure called AMS (Alternate Management Systems), in which the USCG gives temporary approval for ballast water treatment equipment that has already been approved by the IMO (International Maritime Organization).

*3 Salinity concentration regulated by the IMO Sea water: 32 PSU and above; brackish water: 3 - 32 PSU; freshwater: 3 PSU and below
 Salinity concentration regulated by the USCG Sea water: 28 - 36 PSU; brackish water: 10 - 20 PSU; freshwater: 1 PSU and below

*4 USCG type approval: The original ballast water treatment regulations defined by the United States Coast Guard.

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