

MIURA CO.,LTD.

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**Completion of the installation and commissioning test of two units of MIURA's
HK-600 ballast water management system on a Japanese owned bulk carrier**

MIURA CO.,LTD. (Head Office: Matsuyama, Ehime, President & CEO: Daisuke Miyauchi, hereinafter MIURA), Japan's leading manufacturer of small once-through boilers, has announced the completion of the installation and commissioning test of its HK ballast water management system on the bulk carrier owned by a Japanese shipowner.

In July 2016, in line with the vessel's periodic inspection, MIURA installed and conducted commissioning test of two units of the HK-600 on a Japanese owned vessel in a Chinese shipyard.

The installation of this ballast water management system was engineered from the 3D planning of the ship interior to the detailed installation design. The supervisor^{*1}, acting in a superintendent and shipyard support role, was dispatched to the site during the installation work, and installation was completed quickly.

MIURA will continue to respond to the requests of customers regarding the retrofitting^{*2} of the ballast water management system HK, accumulating results in its engineering, installation support, and commissioning test for various vessel types and sizes. We will contribute even more to the preservation of the global marine environment.

Vessel Name: SAKURA OCEAN (built by Imabari Shipbuilding Co., Ltd.)

Vessel type: 38,000 DWT bulk carrier

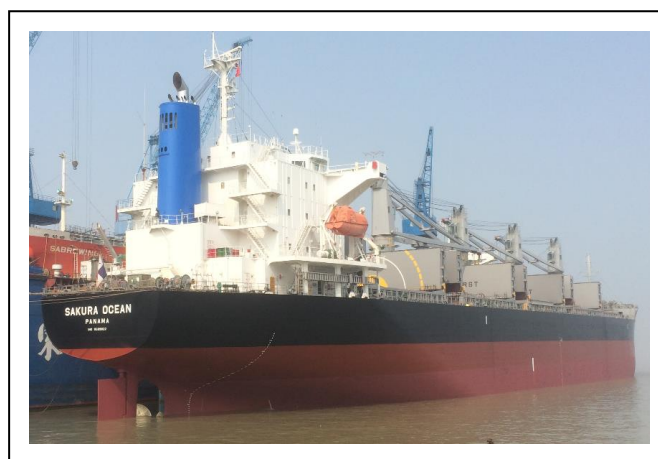
Equipment Installed: HK-600 (600m²/h) × 2 units filter + UV reactor method

Installation Dock: HRDD, China

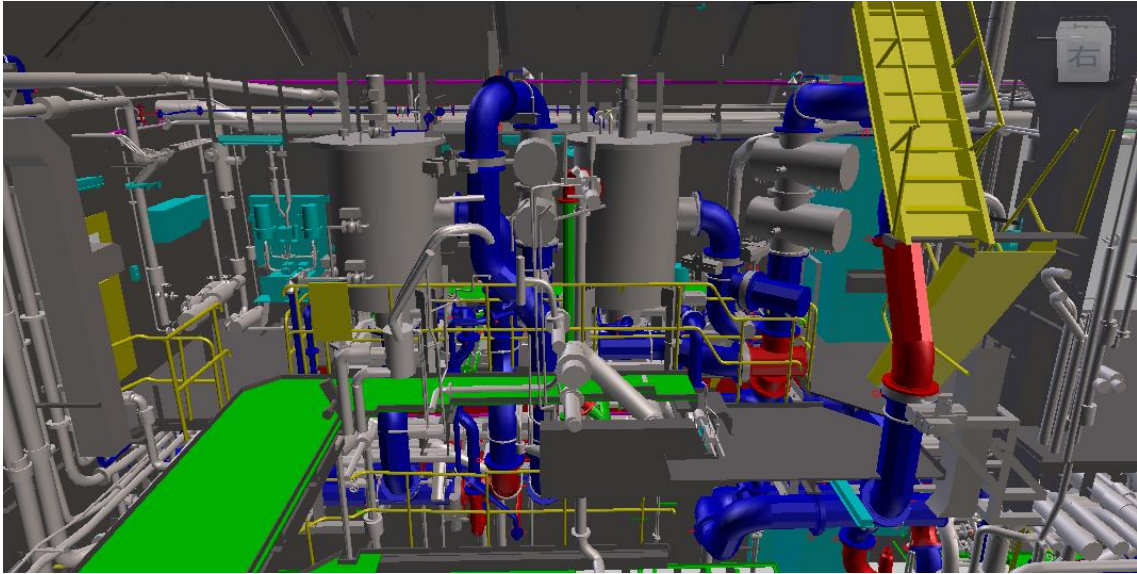
*1 Supervisor: A manufacturer's engineer who has the practical experience in equipment installation necessary to provide advice to the superintendent and the shipyard.

*2 Retrofit: Installation of equipment on a vessel already in service

<Vessel of Installation>

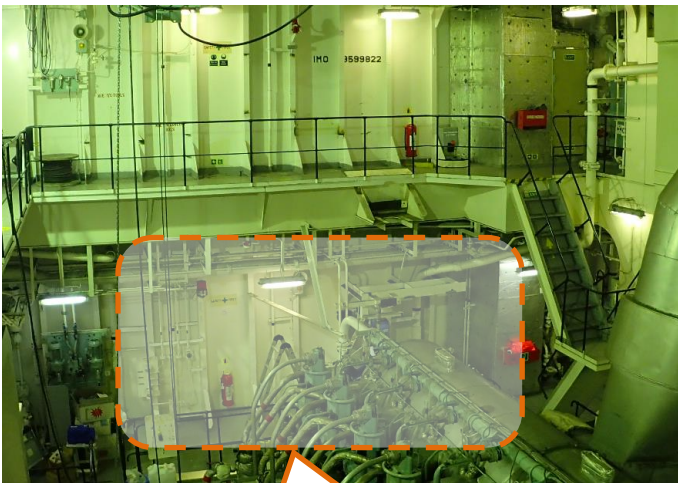


< 3 D Installation design >



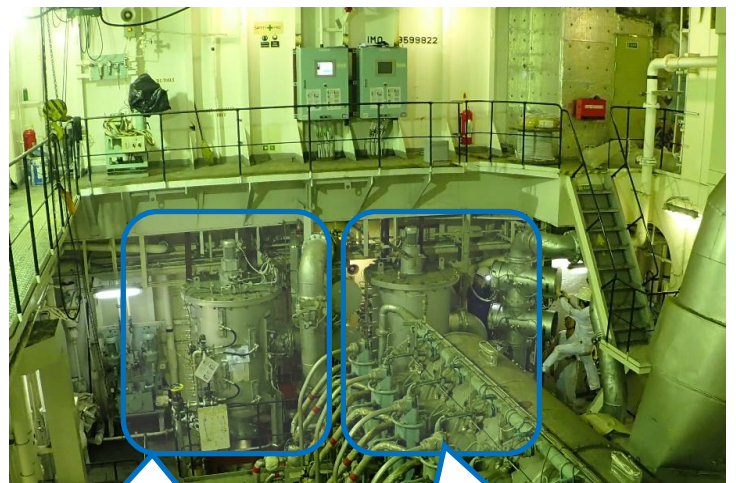
<Retrofitting example >

Before installation



FILTER+UV 2 Sets

After installation



No.1 FILTER+UV

No.2 FILTER+UV

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