Ballast Water Management System

**JFE Engineering Corporation**

**JFE BallastAce**

**Filtration + Formulated Chemical Injection method**

- **Simple System Configuration**
  - Installation arrangement is flexible by each component.
  - Extremely low power consumption and low impact on the generators.
  - Simplicity of the system minimizes the risk of mechanical failure. It's easy to operate and maintenance.

- **Treatment method**
  - Effectiveness of chlorine treatment is proven in our daily life by use in such applications as tap water or swimming pools.

- **Why formulated chemical?**
  - Efficient sterilization regardless of turbidity, salinity or temperature.
  - Capability to meet strict standards and expected tightened regulations.

**INQUIRIES**

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**Ballast Water Management System**

**MIURA CO., LTD.**

With its uniquely developed filter, system can surely capture organisms larger than 50μm, and multi-stage cleaning function can maintain filter clean.

In addition, operation of UV reactor is controlled to be energy saving. Control panel is operated using touch panel, which has high visibility and operability.

We also offer 3D scanning, design and dispatching engineer, accumulating actual experiences.

- 2014.3 BWMS received approval from Ministry of Land, Infrastructure, Transport and Tourism.
- 2014.10 Started shipping Miura BWMS
- 2014.11 Obtained AMS approval
- 2017.3 Start of USCG land-based test
- 2017.4 Start of USCG onboard test
- 2017 Scheduled for obtaining USCG approval

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**Ballast Water, BWMS/(BWTS), Low Power Consumption,**

**http://www.jfe-eng.co.jp/en/index.html**

**JFE BallastAce**

**Ballast Water Management System**

**MIURA work towards our mission of “Helping customers all over the world in energy conservation and environmental preservation.”**

With fifty years of proven result of ship machinery department, utilizing our technology and trust in MIURA, we put all effort to achieve our goal.

We introduce “Miura Ballast water management system” that contribute to marine environment conservation all over the world.

Miura BWMS adopts filter and UV method which is environmentally friendly that does not affect natural ecosystem of sea area where water is discharged.

**http://www.miuraz.co.jp/en/bwts/**