



Case Study: Unique
Manufacturer/Shipowner
Partner Program For BWMS
Compliance

Speaker:
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What is Required to Comply?

- Ballast Water Management Plan
 - Approved by Flag / Class
- Type Approved BWMS (Flag / Class Certificate)
- Ballast Water Record Book
 - Document treatment - operations in accordance with BWTS Type Approval
 - Maintenance log
- Efficacy Testing
 - Installation / Commissioning
 - Port State Control

In Reality:

- Do you Have a BWTS?
- Is the BWTS Approved (Class, Flag, Port State Control)?
- Is the BWTS Operational?
- Can the Crew Run the BWTS and Understand its Function?
- Efficacy Testing
 - Commissioning / Installation (indicative or detailed)
 - MEPC 73 outcome
 - In service
 - Currently – only if the above is not in order
 - 12-18 months – more routinely

Recommendations To Ensure BWM Compliance

- System Selection
 - Relationship between Owner, Consultant & Manufacturer
- Installation
 - Manufacturer present at dry dock
- Training
 - Commissioning; 1st ballast operation; Computer-based software; Training Center
- Service
 - Regular contact - not just during problems
 - FMDS after each ballast operation; Chemical resupply; Fleet status updates

EcoCare™ Compliance Guarantee

- Ensures regulatory compliance with IMO, USCG and individual U.S. state standards now and throughout the life of the system.
- Addresses system efficacy as it pertains to treating ballast water for invasive species contamination.
- Insures against financial penalties up to \$1,000,000* relating to fines, port charges, delays and off-hire.





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