



ABS Global Marine Operational & Environmental Performance

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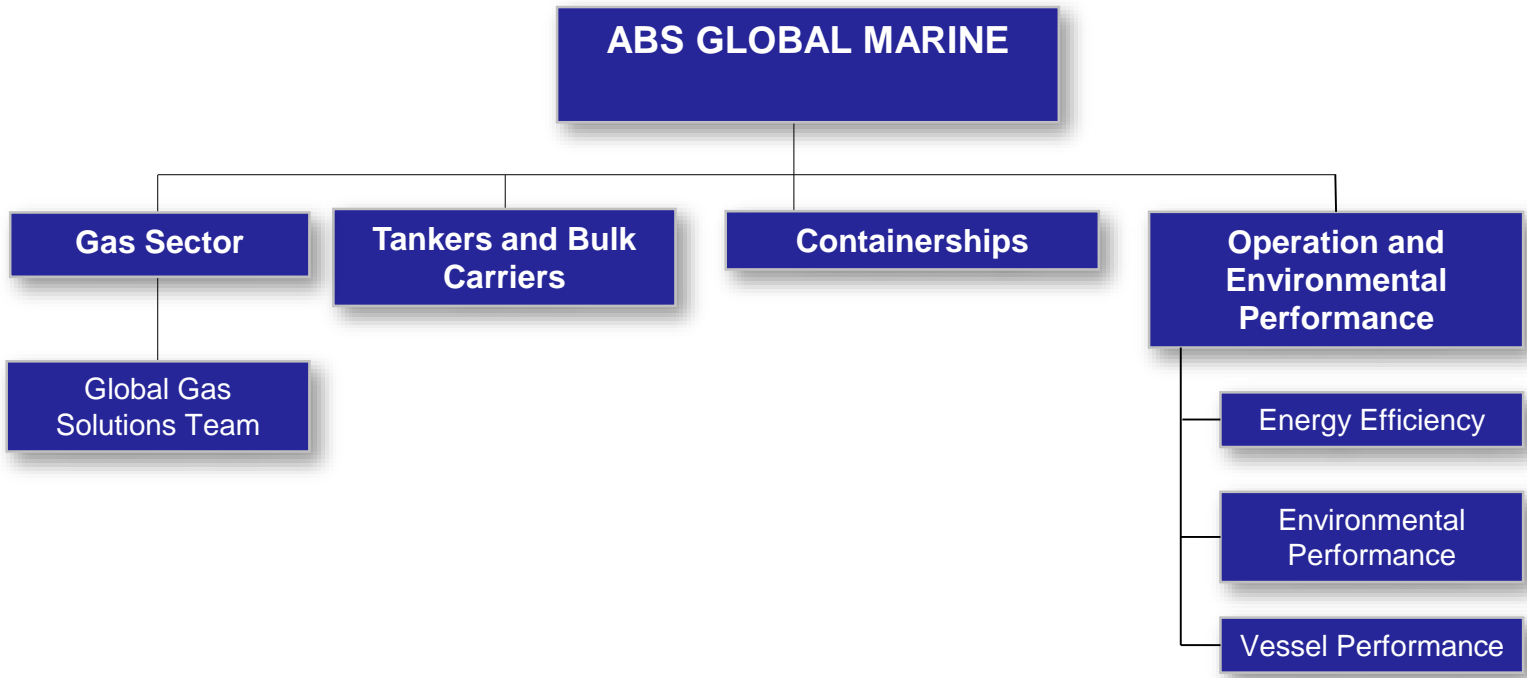
Genoa
18 April 2016

The Mission of ABS

Our Mission

The mission of ABS is to serve the public interest as well as the needs of our members and clients by promoting the security of life and property and preserving the natural environment.

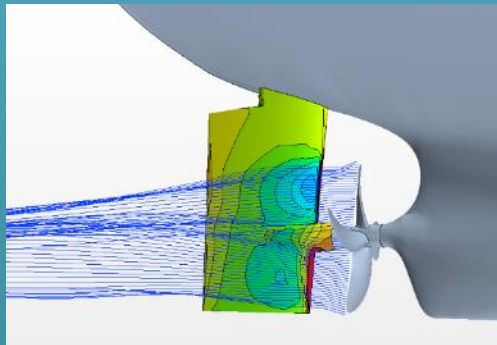
Global Marine Organization



Operational & Environmental Performance

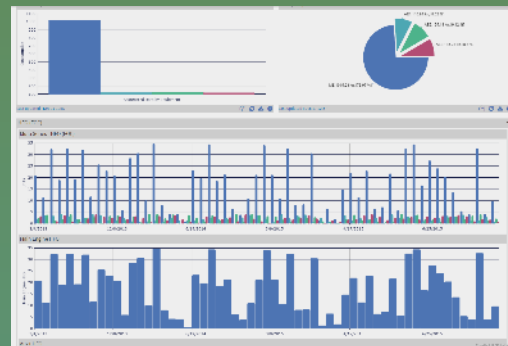
Energy Efficiency

- EEDI Verification
- Specification Review
- Design Benchmarking
- Operational Profile Definition
- Hydrodynamic Design Evaluation
- Hull Form Optimization
- ESD Evaluation & Optimization
- Retrofit Analysis
- Concept Design Evaluation
- Techno-Economic Modeling



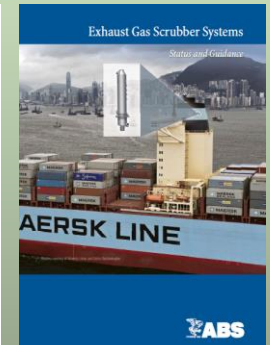
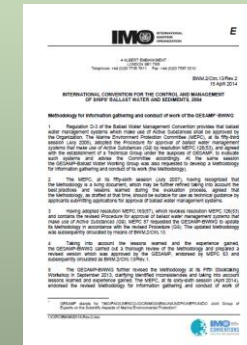
Vessel Performance

- Hull & Propeller Added Resistance
- Main Engine Performance
- Auxiliary Performance
- FOC Assessment
- Fleet Benchmarking



Environmental Performance

- Ballast Water Management
- BWMS Selection Assistance
- Vessel General Permit
- Inventory of Hazardous Materials
- Engine Emissions Control
- EGCS Selection Services
- EU Commission - MRV Scheme



Environmental Performance

- **Services**

- Ballast water management
- Air emissions (evaluation of abatement technologies)
- Hazardous materials and ship recycling
- Advisory of environmental regulations

- **Function:** services aiming to identify, experience-based solutions and provide guidance toward ultimately improving the overall environmental performance of a ship while offering global assistance for environmental classification, certification and statutory compliance



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