
OFFSHORE BALLAST WATER MANAGEMENT TECHNOLOGY EVALUATION SERVICE

With more than 60 ballast water management systems with IMO Type Approval, and many more under development, owners and operators have a multitude of options available to assist with compliance. The challenge before them is how to select the system that best meets the unique technical and operational needs of their offshore drilling or production fleets.

The ABS Ballast Water Management (BWM) Technology Evaluation Service builds on our position as a leading provider of classification and regulatory compliance assistance. The service leverages our knowledge of regulations, experience with leading Ballast Water Management Systems (BWMS), and mission to help maintain safe operations with the need to quickly and fairly evaluate the best set of available solutions for an offshore unit or fleet.

The ABS BWM Technology Evaluation Service is an interactive multiphase

process leveraging an extensive technical and performance database of BWMS including technologies, design capabilities and limitations, installation requirements, power consumption, operating considerations and restrictions on equipment use. Coupled with a thorough understanding of each individual unit or fleet ballast operations, the customized solution set provides owners with the pertinent and relevant information needed to make an informed decision.

During the evaluation process, ABS will:

- Thoroughly review unit or fleet composition, operational and life cycle information and the profile of transits and on-site operations for specific unit type(s)
- Discuss technologies with owners to develop a preliminary list of acceptable BWMS
- Identify nuances of IMO, US Coast Guard and regional requirements impacting move planning to reduce/minimize operational interruptions due to BWMS limitations



- Review appropriate BWMS based on preliminary solution set to determine acceptable systems for further consideration
- Provide preliminary report including details of design and operations for the applicable choices
- Discuss operational considerations for each of the preliminary BWMS selections with the owners and technical team
- Summarize operating considerations based on unit or fleet information to allow owners to compare the total cost of ownership for the preselected solution set
- Evaluate operating constraints versus unit needs and provide a comparative suitability assessment
- Provide a final report with comparative suitability assessment

The ABS Environmental Performance consists of a multidisciplinary team comprising decades of experience in vessel operations, regulatory compliance and ballast water treatment technologies. This knowledge, and combined with the ABS understanding of offshore unit design and characteristics, operational profiles and regulatory requirements, enables our team to provide recommended options based on publicly available product information and certification records along with other information provided by manufacturers specifically for this service – all while maintaining a clear focus on protecting the safety of your unit and crew.

ABS is prepared to be your trusted advisor – helping you make the right decision for your organization.



For additional assistance with BWM Technology Evaluation Service, please contact environmentalperformance@eagle.org.



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