

## BALLAST WATER MANAGEMENT TECHNOLOGY EVALUATION SERVICE

With more than 75 ballast water management systems with IMO Type Approval, more than 25 with USCG approvals and many more under development, owners and operators have a multitude of options available to achieve compliance. The challenge for shipowners and operators is to select a BWMS that best meets the unique technical and operational needs of their 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 commitment to safety to help maintain safe vessel operations with the need to quickly and fairly evaluate the best set of available solutions for a vessel 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,



**10** ABS  
ENGINEERING  
OFFICES  
WITH  
BWM EXPERIENCE



OVER **130**  
SYSTEMS  
ABS DESIGN **ASSESSED**



**140+**  
VENDOR  
SYSTEMS  
TRACKED BY ABS



**900+**  
VESSELS OPERATING  
WITH **BWT NOTATION**

ABS will:

- Thoroughly review vessel or fleet composition, operational and life cycle information
- Discuss technologies with owners to develop a preliminary list of acceptable BWMS
- Identify nuances of IMO, US Coast Guard and regional requirements impacting particular trade patterns to reduce/minimize operational interruptions due to BWMS limitations

- Review appropriate BWMS based on a 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 vessel or fleet information to allow owners to compare the total cost of ownership for the preselected solution set
- Evaluate operating constraints versus vessel needs and provide a comparative suitability assessment
- Provide a final report with comparative suitability assessment

### USCG AMS EXTENSIONS

On April 9th 2020, the USCG published guidance on Alternative Management System (AMS) extensions in MSIB 14-20, "COVID-19: Ballast Water Management (BWM) Extensions". This guidance permits owners and operators with installed AMS that are nearing the end of their five year AMS acceptance period, to seek a USCG extension to continue operating their AMS system beyond the 5 year acceptance period, provided that the installed AMS BWMS has already commenced USCG TA testing, submitted USCG TA application, and is pending approval or requires more time to complete the upgrade to the USCG TA configurations. ABS can assist owners or vendors in applying for an AMS extension for their vessels or fleet.

### ABS SUPPORT

The ABS Global Sustainability Center consists of a multidisciplinary team comprising decades of experience in vessel operations, regulatory compliance and ballast water treatment technologies. This knowledge, and a specific understanding of vessel design and characteristics, trading patterns 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 vessel and crew.

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

## IMO BWM CONVENTION

ENTERED INTO FORCE ON

**8 SEPTEMBER 2017**



MORE THAN

**75** IMO

2008 G8 TYPE APPROVED

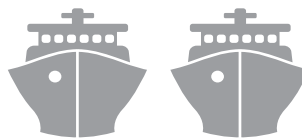


**BWMS** AND OVER **10**

2016 G8 TYPE APPROVALS

## UNCERTAINTY REGARDING RELIABILITY

OF CURRENT IMO APPROVED SYSTEMS



MORE THAN **25** USCG TYPE APPROVED

**BWMS**

**AVAILABLE IN THE MARKET**



## DIFFERENCES BETWEEN IMO AND US REQUIREMENTS

For additional assistance, please contact us at [ABSMarine@eagle.org](mailto:ABSMarine@eagle.org).



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