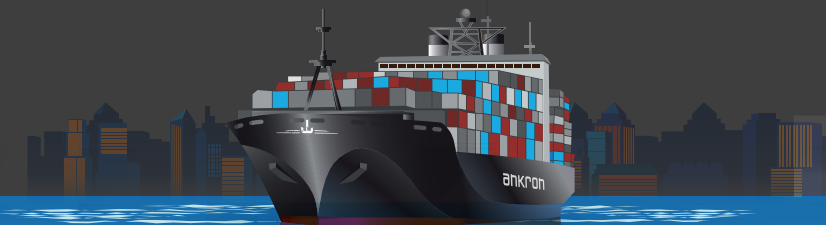


MARINE TESTING AND CONSULTING

- various test procedures
- approval support
- technology consulting
- research & development
- market insights
- advisory to administration or authorities



ballast water

wastewater

bilge water

scrubber wash water

cooling water

drinking water



*Find the best possible solution
for your water challenge.*

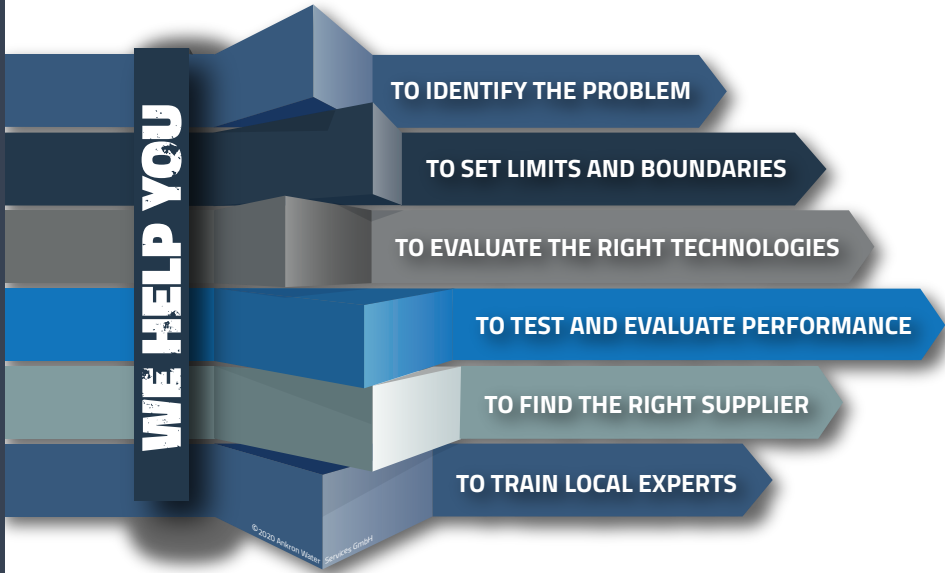


ABOUT US

Ankron is an independent provider of consulting and testing services to the maritime industry, supporting ship owners, manufacturers and authorities in all areas of technical development, approval and proper operation of equipment and water treatment systems.

We use our experience with maritime and land-based water technologies to provide qualified testing and sampling and state-of-the-art consulting.

We find the best possible solution for your water challenge according to latest regulations and provide the organisation of the complete test procedure including reporting and forwarding of results to the responsible authorities.



We help you treat water right.

COMMISSIONING



Aim

- Validates the performance of the installed BWMS defined in the precedent verification of Type Approval

Water area covered by Ankron

- Ballast Water, Wastewater

Requirements

- IMO BWM.2/Circ. 70/Rev. 1

Mandatory for

- Newly installed BWMS on vessels flagged in countries that have implemented the requirements already

Responsibility

- Overseen by flag state or class society authorized by the flag state
- Shipowners are responsible for arranging tests with companies independent of system suppliers

Commissioning tests are used to check whether newly installed BWMS are mounted adequately and operate properly as defined in previous Type Approval.

We perform official commissioning tests according to BWM.2/Circ. 70/Rev. 1 applying indicative methods. In case of non-compliance with the required IMO D-2 discharge standard, detailed analyses are performed. We collect more information on the performance and the system design limitations of the BWMS and take a closer look at the installation.

With a structured review of the BWMS the causes of non-compliance can be identified and eliminated. The system can be started up with no risks and can be maintained from a good starting point.

YOUR BENEFITS



Complete Testing

We offer a complete turnkey service.



Latest regulations

We always work according to the current status of guidelines.



One contact

We form the communication interface between all parties involved.



Troubleshooting

We find out on site why something is not working.



SERVICES

- Sampling and analysis of ballast water with indicative or detailed methods for compliance
- Onboard survey including visual inspection of the sampling point, piping and instrumentation
- Assessment of the BWMS according to the System Design Limitations and the correct operation of all sensors and related equipment
- Inspection of self-monitoring parameters (e.g. flow rate, pressure, TRO, UVT)
- Reporting of methods and detailed results to administration and class
- Troubleshooting and necessary technical investigations in case of non-compliance

We help you treat water right.



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