



What's in your ballast water ?

Since the introduction of steel hulled ships over 120 years ago, ballast water has been used in ships' ballast tanks to improve stability at sea.



When ships pick up ballast water, they also pick up local animals, plants and bacteria that live in the ocean.



3-5 billion tonnes

of ballast water transferred internationally each year



90%

of world commodities moved by ship

Ballast water is essential to the safe and efficient running of a ship. When a non-native organism is released from a ship's ballast water into the ocean, it can become an ecological pest, throwing off the whole local marine eco-system.



We all have a responsibility to protect the environment that we work and live in. Oceans are the lifeblood of our planet.

97%

of Earth's water is held by the oceans



50-70%

of Earth's oxygen produced by ocean plants



\$500 billion

contributed to world economy through ocean-based businesses



Ballast Water Treatment Systems use various filtration and treatment technologies to kill the living organisms in ballast water. Different ships have different ballast water needs and one size/technology does not fit all.

The Ballast Water Management (BWM) Convention 2004 provides the specific criteria for safe BWM. It will come into force once it is ratified by a required number of States and represents **35% of world merchant** shipping tonnage.



1/3

of human produced carbon dioxide absorbed by ocean

With only an additional **0.44% of world tonnage required**, this Convention could become law at any time.

Proper Ballast Water Management is one step we can take to protect our planet's environmental future.

To find out more about BWM treatment solutions contact:

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