

Environmental Management Plans

Ballast Water Handling Plan



Species of marine organisms are known to have been introduced in new areas by ballast water. Some introduced species form colonies which can smother existing fauna and cause red tides and algal blooms that can affect or even kill shellfish, fish, sea birds and humans.

This has set the wheels in motion for international organizations like IMO to increase demand on more environmental friendly transportations through regulations.

The Ballast Water Management (BWM) resolution is yet not mandatory but it seems to be only a matter of time before this is a mandatory.

MariTerm AB can help you by assisting in the development of user friendly plans for Ballast Water Management.

MariTerm AB

Box 74, 263 21 HÖGANÄS, SWEDEN
TEL +46 (0)42 - 33 31 00 / FAX +46 (0)42 - 33 31 02
E-mail: info@mariterm.se

Ballast Water Management Plan

In accordance with
IMO Resolution MEPC.127(53)

TRANSPORTING ORGANISMS

Ballast water is essential to control trim, list, draught, stability and stresses of the ship.

However, ballast water may contain aquatic organisms or pathogens which, if including estuaries introduced into the sea or fresh water may create hazards to the environment, human health, property and resources, impair biological diversity or interfere with other legitimate uses of such areas.



It is estimated that at least 7,000 different species are being carried in ships' ballast tanks around the world. Studies carried out in several countries indicate that many species of bacteria, plants and animals can survive in a viable form in the ballast water and sediment carried in ships, even after journeys of several months' duration.

Although other media have been identified as being responsible for transferring organisms between geographically separated water bodies, ballast water discharge from ships appear to have been among the most prominent.

At present ballast water exchange is the only effective management tool to reduce the risk of ballast-mediated invasion.

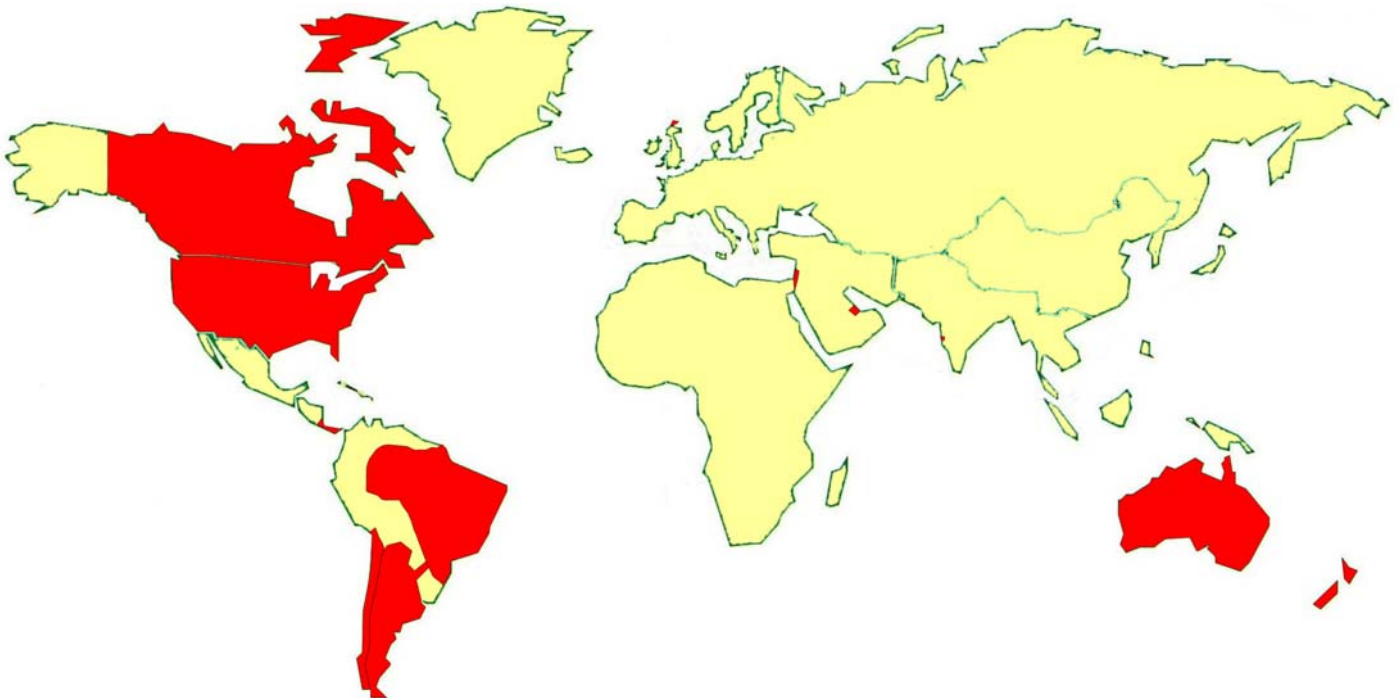
REQUIREMENTS OF BALLAST WATER MANAGEMENT PLAN (BWMP)

The concern for the condition of the oceans has become considerable in recent years. This has caused international organizations like IMO to implement new regulations on how to handle potentially environmentally hazardous contents carried onboard ships. For ballast water handling IMO has implemented the document "Guidelines for Ballast Water Management and the Development of Ballast Water Management Plans resolution MEPC 127(53)".

This is not yet mandatory but it seems to be only a matter of time before this is mandatory for all vessels.

Already there are some countries, like Brazil, which demand that ballast water exchange is to be performed and that every ship entering their territorial water must be accompanied by an approved Ballast Water Management Plan.

Below some countries that have more or less specific rules regarding ballast water management within territorial waters is shown in red.



Displaying countries with specific rules regarding ballast water management.

WHAT MariTerm AB CAN OFFER

MariTerm AB can assist you in the development of user friendly approved Ballast Water Management Plans (BWMP) based on our own templates.

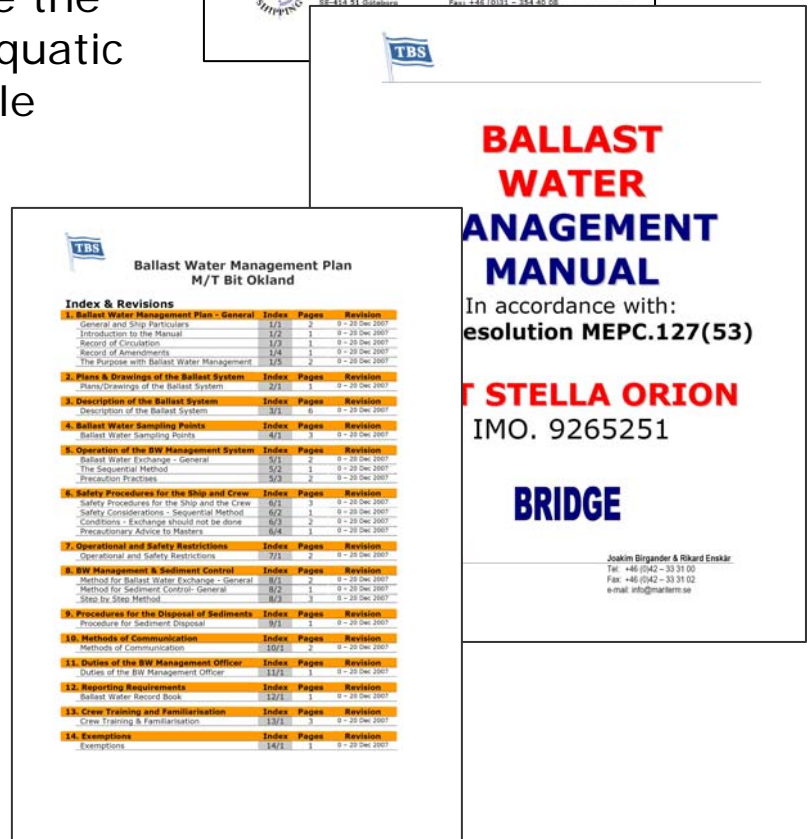
A Ballast Water Management Plan is a tool to assist in complying with the IMO guidelines and quarantine measures intended to minimise the risk of transplanting harmful aquatic organisms and pathogens, while maintaining ship safety.

The plan provides information about the ship's ballast handling system, sampling points and ballast water management system to the port state control and other authorised officers.

MariTerm AB have had the honour of producing Ballast Water Management Plans to several Companies.

MariTerm AB is a privately owned consulting company specialized in cargo securing and management systems for the shipping industry. MariTerm AB has over 25 years of experience within cargo securing and several years within the field of management.

For further inquires please contact **Peter Andersson** by phone, fax or e-mail at



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