



**BALLAST WATER CONTROL AND
MANAGEMENT REGULATIONS**
Information pamphlet

Vancouver Port Authority
100 The Pointe
999 Canada Place
Vancouver, B.C.
V6C 3T4

Marine Operations and Security
Phone: (604) 665-9086
Fax: (604) 665-9099

December 2006

INTRODUCTION

The new National Ballast Water Management Regulationsⁱⁱ that came into force in June 28, 06 have superseded the Vancouver Port Authority's (VPA) Ballast Water Standing Orders. The Regulations are part of the Canada Shipping Act and Transport Canada is the federal government department responsible for the compliance and enforcement of these regulations.

APPLICATION

These Ballast Water Control And Management Regulationsⁱⁱⁱ (The Regulations) apply to every ship in waters under Canadian jurisdiction that is designed or constructed to carry ballast water, unless exempted under these regulations.

BALLAST WATER MANAGEMENT

The Regulations recognize four ballast water management processes, which can be used separately or in combination: exchange: treatment, discharge to a reception facility, and retention on board the ship. Disposal of the sediment may only be carried out at a reception facility.

It is not necessary to manage ballast water if the ship operates exclusively between ports, offshore terminals or anchorage areas situated on the west coast of North America north of Cape Blanco



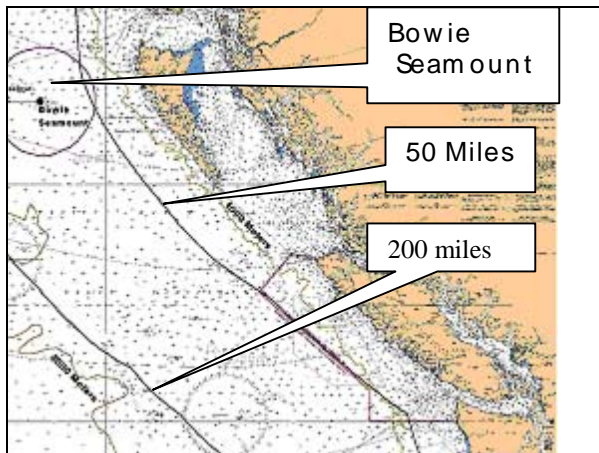
BALLAST WATER EXCHANGE — TRANSOCEANIC NAVIGATION

Ships that exchange ballast water and, during the course of their voyage, navigate more than 200 nautical miles from shore where the water depth is at least 2000 m must conduct an exchange before entering Canadian waters in an area situated at least 200 nautical miles from shore where the water depth is at least 2000 m.

If the ship cannot conduct an exchange as above because it would be impractical or unsafe, the exchange may be conducted in an area situated at least 50 nautical miles west of Vancouver Island and the Queen Charlotte Islands and at least 50 nautical miles west of a line extending from Cape Scott to Cape St. James where the water depth is at least 500 m, with the exception of waters within 50 nautical miles of the Bowie Seamount (53°18' north latitude and 135°40' west longitude) (see chart illustration).

BALLAST WATER EXCHANGE — NON-TRANSOCEANIC NAVIGATION

Ships that exchange ballast water and do not, during the course of their voyage, navigate more than 200 nautical miles from shore where the water depth is at least 2000 m must conduct an exchange before entering Canadian waters in an area situated at least 50 nautical miles from shore where the water depth is at least 500 m.



If the ship cannot conduct an exchange as above because it would be impractical or unsafe, the exchange may be conducted in an area situated at least 50 nautical miles west of Vancouver Island and the Queen Charlotte Islands and at least 50 nautical miles west of a line extending from Cape Scott to Cape St. James where the water depth is at least 500 m, with the exception of waters within 50 nautical miles of the Bowie Seamount (53°18' north latitude and 135°40' west longitude) (see chart illustration).

BALLAST WATER EXCHANGE STANDARD

A ship that exchanges ballast water shall attain an efficiency of at least 95 per cent volumetric exchange; and a ballast water salinity of at least 30 parts per thousand, if the exchange of ballast water is conducted in an area not less than 50 nautical miles from shore.

In the case of a ship that exchanges ballast water through flow-through exchange, pumping through three times the volume of each ballast tank shall constitute 95 per cent volumetric exchange, unless the ship provides evidence to a different efficiency in its ballast water management plan.

BALLAST WATER TREATMENT STANDARD

The regulation stipulates treatment standard for vessels that treat ballast water. Those standards can be found in the full text of the Regulation.

BALLAST WATER MANAGEMENT PLAN

Ships must carry on board and implement a ballast water management plan setting out safe and effective procedures for ballast water management as required by the Regulation:

EXCEPTIONAL CIRCUMSTANCES

If a ship cannot comply with these Regulations or its ballast water management plan because of an equipment failure or because it would compromise the stability of the ship or the safety of the ship or of persons on board, the ship shall notify the Transport Canada, Marine Compliance and Enforcement Division, through Marine Communication and Traffic Services Centre (MCTS) at least 96 hours before entry into the territorial sea.

REPORTING

Ships proceeding to ports on the West Coast must submit Ballast Water reporting forms by Email to: offshore@rmic.gc.ca or, to MCTS, Regional Marine Information Centre, Facsimile: (604) 666-8453, Phone: (604) 666-6011. A copy of every submitted Ballast Water Reporting Form shall be carried on board the ship for 24 months after it is submitted.

ⁱ The full text of the regulation can be found at the Transport Canada website under this link: <http://www.tc.gc.ca/acts-regulations/GENERAL/C/csa/regulations/400/csa448/csa448.html>. This summary is a modified and unofficial version of the requirements that most commonly apply to ships calling the port of Vancouver or other West Coast ports in Canada. The summary is produced to assist the marine community and ships calling the Port of Vancouver. Whenever there is a discrepancy between the contents of this summary and The Regulations, the latter shall prevail.

ⁱⁱ Transport Canada is the Federal Agency responsible for these regulations. For questions regarding these regulations call Transport Canada at 604 666 5300 or via MCTS at 604 666 6011.