



## TECHNICAL CIRCULAR No. 657 of 5<sup>th</sup> November 2020

To	All Surveyors/Auditors. All flags
Title	<b>Ballast Management Plan-Content</b>
Reference	BWM Plan

### **Ballast Management Plan-Content**

The content of the Ballast Water Management Plan is as below.

The Plan should be approved by Recognized Organization on behalf of the flag for compliance with Regulation B-1 Ballast Water Management Convention, 2004.

#### **1 GENERAL PARTICULARS**

#### **2 PURPOSE OF THE WATER BALLAST MANAGEMENT PLAN**

- 2.1 Introduction
- 2.2 Background
- 2.3 Usage of the plan
- 2.4 Crew training and familiarization

#### **3 WATER BALLAST ARRANGEMENTS**

- 3.1 CAPACITY TABLE
- 3.2 Tank Arrangement
- 3.3 Pumps used for Water Ballast
- 3.4 Loading Ballast Conditions

#### **4 WATER BALLAST SAMPLING POINTS**

- 4.1 Purpose
- 4.2 Table of Sampling Points

#### **5 WATER BALLAST PLANNING**

- 5.1 When to exchange Water Ballast
- 5.2 Uptake of Water Ballast in harbor
- 5.3 Removal of water ballast sediments on a timely basis
- 5.4 Procedures for the Disposal of Sediments
  - 5.4.1 General
  - 5.4.2 Sediment Management
- 5.5 Exchange of water ballast in open sea
- 5.6 Reduced discharge of water ballast in harbor
- 5.7 Port state requirements
- 5.8 Information on port state requirements on Internet
- 5.9 Alternative Ballast Exchange Procedures

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## **6 DUTIES OF THE WATER BALLAST MANAGEMENT OFFICER**

- 6.1 Officer in Charge of Ballast Water Exchange
- 6.2 Methods of Communication
  - 6.2.1 Communications Directory

## **7. OPERATION OF THE BALLAST WATER MANAGEMENT SYSTEM**

- 7.1 Limitations
- 7.2 Potential hazards connected to Water Ballast exchange in open sea

## **8 OPERATION OF THE BALLAST WATER MANAGEMENT SYSTEM**

- 8.1 Ballast Water Exchange
- 8.2 Dilution Method
- 8.3 Procedure for exchange of water ballast by dilution method

## **9 LOADING CONDITIONS DOCUMENTATION**

- 9.1 Loading Condition Number 13 – Ballast Departure
- 9.2 Loading Condition Number 14– Ballast Arrival
- 9.3 Sequence of Ballast Water Exchange

## **10 WATER BALLAST REPORTING FORM AND HANDLING LOG**

- 10.1 Format for Water Ballast Handling Log 1
- 10.2 Format for Water Ballast Handling Log 2
- 10.3 Ballast Exchange Backlog
- 10.4 Recording Requirements
  - 10.4.1 Crew Review/Revision History

11 Appendix A1 – TANK PLAN, MANHOLE PLAN, PIPING DIAGRAM AND AIR VENT

12 Appendix A2 – BALLAST WATER REPORTS AND RECORDS BOOK

13 Appendix A3 – LEVEL MONITORING SYSTEM APPROVED BY ABS

14 Appendix A4 – IMO RESOLUTION MEPC 127 (53) AND EXISTING NATIONAL/  
INTERNATIONAL REQUIREMENTS

### REFERENCES:

- Ballast Water Management Plan
- ATTACHMENTS: No

Kindest Regards,

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