

# Ballast Water Record Book Format

## Object of Amendment

Rules for Ballast Water Management Installations

## Reason for Amendment

At the 76<sup>th</sup> session of the IMO Marine Environment Protection Committee (MEPC 76) held in June 2021, amendments to the format used for ballast water record books were proposed after it was pointed out the information provided to ship personnel regarding the entries of such books was unclear and confusing due to conflicting interpretations among maritime stakeholders.

At MEPC 80 in July 2023, amendments related to requirements for ballast water record book format specified in regulation B-2, Appendix II Annex to the *International Convention for The Control and Management of Ships' Ballast Water and Sediments* were adopted as IMO resolution MEPC.369(80).

Accordingly, relevant requirements are amended based on IMO resolution MEPC.369(80).

## Outline of Amendment

Amend relevant requirements in the Rules for Ballast Water Management Installations to clarify the operational procedures requiring entry in ballast water record books and the items for each operation requiring recording.

## Effective Date and Application

The effective date of this amendment is 1 February 2025.

An asterisk (*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.
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ID: DX24-04

Amended-Original Requirements Comparison Table (Format of Ballast Water Record Book)

Amended	Original	Remarks
<p align="center"><b>RULES FOR BALLAST WATER MANAGEMENT INSTALLATIONS</b></p> <p align="center"><b>Part 3 EQUIPMENT FOR THE BALLAST WATER MANAGEMENT</b></p> <p align="center"><b>Chapter 1 GENERAL</b></p> <p><b>1.2 Ballast Water Record Book (<i>Regulation B-2 of Annex</i>)</b></p> <p>1 The ballast water record book is to contain at least the information specified in <i>Appendix II of Annex</i> and keep record of the following operations. The ballast water record book may be an electronic recording system, or it may be integrated into another record book or system. <u>The Ballast Water Record Book entries are to be completed taking into account any guidelines developed by the <i>IMO</i>. The volume of ballast water on board is to be estimated in cubic metres.</u></p> <p>(1) <u>When ballast water is taken on board from the aquatic environment (ballasting operation)</u></p> <p>(a) <u>Start time and location (port of uptake or latitude/longitude)</u></p> <p>(b) <u>Completion time and location (port of uptake or latitude/longitude and minimum depth of water during uptake)</u></p> <p>(c) <u>The identity of the tanks affected</u></p> <p>(d) <u>Estimated volume of uptake and final total quantity retained in cubic metres</u></p>	<p align="center"><b>RULES FOR BALLAST WATER MANAGEMENT INSTALLATIONS</b></p> <p align="center"><b>Part 3 EQUIPMENT FOR THE BALLAST WATER MANAGEMENT</b></p> <p align="center"><b>Chapter 1 GENERAL</b></p> <p><b>1.2 Ballast Water Record Book (<i>Regulation B-2 of Annex</i>)</b></p> <p>1 The ballast water record book is to contain at least the information specified in <i>Appendix II of Annex</i> and keep record of the following operations. The ballast water record book may be an electronic recording system, or it may be integrated into another record book or system.</p> <p>(1) <u>Operations for uptake of ballast water</u></p> <p>(a) <u>Date, time and location port or facility of uptake (port or lat/long), depth if outside port</u></p> <p>(b) <u>Estimated volume of uptake (<math>m^3</math>)</u></p> <p>(c) <u>Signature of the officer in charge of the operation (Newly added)</u></p>	<p>MEPC.369(80)</p>

**Amended-Original Requirements Comparison Table (Format of Ballast Water Record Book)**

Amended	Original	Remarks
<p>(e) <u>Whether conducted in accordance with the approved Ballast Water Management Plan</u></p> <p>(f) <u>Ballast water treatment method</u></p> <p>(2) <u>When ballast water is discharged into the aquatic environment (deballasting operation)</u></p> <p>(a) <u>Start time and location (port of discharge or latitude/longitude)</u></p> <p>(b) <u>Completion time and location (port of discharge or latitude/longitude and minimum depth of water during discharge)</u></p> <p>(c) <u>The identity of the tanks affected</u></p> <p>(d) <u>Estimated volume of discharge and final total quantity retained in cubic metres</u></p> <p>(e) <u>Whether conducted in accordance with the approved Ballast Water Management Plan</u></p> <p>(f) <u>Ballast water treatment method</u></p> <p>(3) <u>Whenever ballast water is exchanged, treated through internal circulation or treated in tank</u></p> <p>(a) <u>Ballast water exchange</u></p> <p>i) <u>Start time and location (latitude/longitude)</u></p> <p>ii) <u>Completion time and location (latitude/longitude)</u></p> <p>iii) <u>Minimum distance from the nearest land and minimum depth of water during the exchange or, if applicable, identify the designated exchange area in accordance with <b>2.2, Chapter 2, Part 3 of the Rules</b></u></p> <p>iv) <u>Whether conducted in accordance with the approved Ballast Water Management Plan and state the ballast water exchange method</u></p>	<p>(Newly added)</p> <p>(Newly added)</p> <p>(2) <u>Operations for circulation and treatment of ballast water</u></p> <p>(a) <u>Date and time of operation</u></p> <p>(b) <u>Estimated volume circulated or treated (<math>m^3</math>)</u></p> <p>(c) <u>Whether conducted in accordance with the ballast water management plan</u></p> <p>(d) <u>Signature of the officer in charge of the operation</u></p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(3) <u>Operations for discharge into the sea</u></p> <p>(a) <u>Date, time and location port or facility of discharge (port or lat/long)</u></p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(Newly added)</p>	

**Amended-Original Requirements Comparison Table (Format of Ballast Water Record Book)**

Amended	Original	Remarks
<p align="center"><u>(Sequential or Flow-through or Dilution) used</u></p> <p>v) <u>The identity of the tanks affected</u></p> <p>vi) <u>The quantity exchanged and final total quantity on board in cubic metres</u></p> <p>vii) <u>Treatment method for the incoming ballast water</u></p> <p>(b) <u>Ballast water internal circulation for treatment or in-tank treatment</u></p> <p>i) <u>Start time</u></p> <p>ii) <u>Completion time</u></p> <p>iii) <u>The identity of the tanks affected (identifying source and destination tanks if applicable)</u></p> <p>iv) <u>Total quantity treated (through circulation or in tank) in cubic metres</u></p> <p>v) <u>Ballast water treatment method</u></p> <p>(Deleted)</p> <p>(Deleted)</p> <p>(4) <u>Uptake or discharge of ballast water from/to a port-based or reception facility</u></p> <p>(a) <u>Start time and location of uptake/discharge (state facility name)</u></p> <p>(b) <u>Completion time</u></p> <p>(c) <u>Operation carried out (Weather uptake or discharge)</u></p> <p>(d) <u>The identity of the tanks affected</u></p> <p>(e) <u>Total quantity on board in cubic metres and final quantity retained on board</u></p> <p>(f) <u>Whether conducted in accordance with the approved Ballast Water Management Plan</u></p> <p>(g) <u>Onboard ballast water treatment method</u></p>	<p>(Newly added)</p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(b) <u>Estimated volume discharged plus remaining volume (<math>m^3</math>)</u></p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(Newly added)</p> <p>(c) <u>Whether approved ballast water management plan had been implemented prior to discharge</u></p> <p>(d) <u>Signature of the officer in charge of the operation</u></p> <p>(4) <u>Operations for discharge to a reception facility</u></p> <p>(a) <u>Date, time and location of uptake</u></p> <p>(b) <u>Date, time and location of discharge</u></p> <p>(c) <u>Port or facility</u></p> <p>(d) <u>Estimated volume discharged or taken up (<math>m^3</math>)</u></p> <p>(e) <u>Whether approved ballast water management plan had been implemented prior to discharge</u></p> <p>(f) <u>Signature of the officer in charge of the operation</u></p> <p>(Newly added)</p>	

**Amended-Original Requirements Comparison Table (Format of Ballast Water Record Book)**

Amended	Original	Remarks
<p>(5) <u>Accidental discharge/ingress or other exceptional uptake or discharge of ballast water</u></p> <p>(a) <u>Start time and location of ingress/uptake/discharge (port name or latitude/longitude)</u></p> <p>(b) <u>Completion time</u></p> <p>(c) <u>Operation carried out (whether ingress, uptake or discharge)</u></p> <p>(d) <u>The identity of the tanks affected</u></p> <p>(e) <u>Total quantity on board in cubic metres</u></p> <p>(f) <u>State the circumstances of ingress, uptake, discharge or loss, the reason thereof, any treatment method used and general remarks</u></p> <p>(6) <u>Failures and inoperabilities of the ballast water management system (Failures and inoperabilities include malfunctions, shutdowns or critical alarms indicating a failure of the ballast water management system which may indicate non-compliance with the D-2 standard (except routine information and warnings))</u></p> <p>(a) <u>Time and location (port name or latitude/longitude) of failure of the ballast water management system</u></p> <p>(b) <u>Operation carried out (state whether uptake or discharge)</u></p> <p>(c) <u>Description of the issue (e.g. kind of alarm or other description of circumstances)</u></p> <p>(d) <u>Time and location (port name or latitude/longitude) when the ballast water management system has been made operational</u></p>	<p>(5) <u>Accidental or other exceptional operations for uptake or discharge of ballast water</u></p> <p>(a) <u>Date and time of occurrence</u></p> <p>(b) <u>Port or position of the ship at time of occurrence</u></p> <p>(c) <u>Estimated volume of ballast water discharged (<math>m^3</math>)</u></p> <p>(d) <u>Circumstances of uptake, discharge, escape or loss, the reason therefore and general remarks</u></p> <p>(e) <u>Whether approved ballast water management plan had been implemented prior to discharge</u></p> <p>(f) <u>Signature of the officer in charge of the operation</u></p> <p>(Newly added)</p>	

