
**Ships and marine technology — Design
requirements for international ballast
water transfer connection flange**

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Foreword

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This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 3, *Piping and machinery*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

It is recognized that transfer of ballast water between a ship and a shore-side facility, or another ship, can be necessary to manage ballast water treatment.

In order for ships and shore facilities to connect the ballast water transfer piping in an efficient manner, a standardized interface flange is necessary. This type of connection would be similar to the international fire main ship/shore connection required by the International Convention for the Safety of Life at Sea (SOLAS).

The need for a standardized international flange for ballast water transfer systems has been presented to the International Maritime Organization (IMO) Marine Environmental Protection Committee (MEPC). A standard transfer connection will help enable efficient transfer of ballast water between ships and facilities in accordance with the Guidelines of the International Maritime Organization (IMO Resolution MEPC.153(55) – G5).

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