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Small craft — Bilge-pumping systems

Petits navires — Systèmes de pompes de cale



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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols	3
5 Requirements	4
5.1 Type, number and location	4
5.2 Summary of requirements	5
5.3 Capacity	5
6 Design and construction	6
6.1 General	6
6.2 Electrically operated pumps	6
7 Installation	6
8 Owner's manual	7
Annex A (normative) Information to be provided in the owner's manual	8

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 15083 was prepared by Technical Committee ISO/TC 188, *Small craft*.

Introduction

Bilge-pumping systems as specified in this International Standard are limited to normal amounts of water in an intact boat due to spray, rain, seepage, spillage, and occasional small amounts of water shipped from boat movements in heavy weather.

This International Standard is not intended to enable flooding resulting from hull damage, to be dealt with.

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Small craft — Bilge-pumping systems

1 Scope

This International Standard specifies requirements for pumping or alternative means designed to remove normal accumulations of bilge water for small craft with a hull length, L_H , up to 24 m according to ISO 8666.

This International Standard does not set requirements for bilge pumps or bilge-pumping systems designed for damage control.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8666:2002, *Small craft — Principal data*

ISO 8849:—¹⁾, *Small craft — Electrically operated bilge-pumps*

ISO 9093 (all parts), *Small craft — Seacocks and through-hull fittings*

ISO 11812:2001, *Small craft — Watertight cockpits and quick-draining cockpits*

ISO 12216:2002, *Small craft — Windows, portlights, hatches, deadlights and doors — Strength and watertightness requirements*

IEC 60529: 2001, *Degrees of protection provided by enclosures (IP Code)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply. The meanings of symbols used in the definitions are given in Clause 4.

3.1

design category

description of the sea and wind conditions for which a boat is assessed to be suitable

3.1.1

design category A

category for “ocean” sailing

boat designed for extended voyages where conditions experienced may exceed wind force 8 (Beaufort Scale) and significant wave heights of 4 m and above, but excluding abnormal conditions (e.g. hurricanes)

1) To be published. (Revision of ISO 8849:1990)