
**Ships and marine technology —
Shipboard plans for fire control,
damage control, life-saving appliances
and means of escape**

*Navires et technologie maritime — Plans de sécurité à bord du navire,
des moyens de lutte contre l'incendie, des engins de sauvetage et des
moyens d'évacuation*



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 1, *Maritime safety*.

This second edition cancels and replaces the first edition (ISO 17631:2002), which has been technically revised. It also incorporates the amendment ISO 17631:2002/Amd 1:2010 and the Technical Corrigendum ISO 17631:2002/Cor 1:2002.

The main changes are as follows:

- symbols have been revised to bring them in accordance with IMO A.1116 (30)^[9] and ISO 24409-2;
- information for damage control plans have been added;
- bibliography updated and normative reference added.

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.

Introduction

This document has been developed taking into account the existing International Maritime Organization (IMO) guidance on the subject as listed in the bibliography. It is intended to supplement IMO requirements and recommendations for arrangement of shipboard plans used on commercial vessels complying with the International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended.

The symbols in [Annex A](#) generally conform to the corresponding symbols given in IMO Resolutions A.952 (23) [8] and A.1116 (30) [9], but, as far as the symbols for fire control plans are concerned, it was deemed necessary to carry out the following changes:

- a) with the aim of rendering them more comprehensible to people on board and to shoreside fire-fighting personnel, who may be called to operate onboard, a small number of symbols [e.g. emergency equipment, muster and embarkation stations contained in IMO Resolution A.760 (18) [7] or IMO Resolution A.952 (23)] have been modified in order to harmonize them with ISO 24409-2 and with ISO 7010; and
- b) damage control plan symbols have been introduced.

Ships and marine technology — Shipboard plans for fire control, damage control, life-saving appliances and means of escape

1 Scope

This document specifies the content, type, design, layout and usage of shipboard and marine installation plans made available and displayed for fire control appliances and arrangements, damage control, lifesaving appliances and arrangements, and means of escape. It also specifies graphical symbols and illustrations used in such plans.

It does not include signs and mimic signs that provide instructions for safe escape for general safety information.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

International Convention for the Safety of Life at Sea (SOLAS), 1974

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

booklet

compilation of shipboard plans

3.2

bulkhead deck

uppermost deck up to which the main bulkheads and the ship's shell are carried watertight

3.3

competent authority

administration whose flag the ship is entitled to fly, or an organization authorized by an Administration, to perform functions required by this document

3.4

cross-flooding device

equalization device

combination of ducts and pipes installed on ships to give means of equalization of the water in case of asymmetric damage condition