INTERNATIONAL STANDARD

ISO
24409-2

Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings —

Part 2:
Catalogue

Navires et technologie maritime — Conception, emplacement et utilisation des signaux de sécurité, signaux relatifs à la sécurité, notes de sécurité et marquages de sécurité à bord des navires —

Partie 2: Catalogue

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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).

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

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 8, *Ships and marine technology*, Subcommittee SC 1, *Lifesaving and fire protection*.

ISO 24409 consists of the following parts, under the general title *Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings*:

— *Part 1: Design principles*

— *Part 2: Catalogue*

— *Part 3: Code of practice*

Introduction

The growth of international travel by ship has created a need to provide people travelling and working on-board ships with signs and associated systems that communicate consistent and effective safety information. This part of ISO 24409 specifies a system of safety and safety-related signs on ships and other marine installations that is generally consistent with standardized signs with which many will have gained familiarity in other applications.

As such, this part of ISO 24409 clarifies and supplements existing requirements set out in SOLAS regulations II-2/13.3.2.5.1, III/9.2.3, III/11.5, III/20.10, and ISO 17631. However, it is directly applicable to shipboard safety and safety-related signs only, and does not deal with graphical symbols to be used on shipboard plans or documentation.

This part of ISO 24409 contains a catalogue of signs developed in accordance with the general design principles specified in Part 1, for application on ships in accordance with the code of practice in Part 3.

Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings — Part 2: Catalogue

IMPORTANT –– The colours represented in the electronic file of this part of ISO 24409 can be neither viewed on screen nor printed as true representations. Although the copies of this part of ISO 24409 printed by ISO have been produced to correspond (with an acceptable tolerance as judged by the naked eye) to the requirements of ISO 3864-4, it is not intended that these printed copies be used for colour matching. Instead consult ISO 3864-4 which provides colorimetric and photometric properties together with, as a guideline, references from colour order systems.

For a definitive version of all ISO symbols for use in application of this part of ISO 24409, please consult the ISO Online Browsing Platform (http://www.iso.org/obp/ui/).

1   Scope

This part of ISO 24409 prescribes standardized signs and safety notices specifically for use on board ships. Each sign is categorized and indexed according to the safety message that is to be conveyed. Each sign is provided with relevant information on the preferred format of use, the context in which it is used and displayed as well as a description of the intended audience. The shape and colour required to be used for each sign, as prescribed by ISO 3864-4, are given together with the graphical symbols contained within each sign. This part of ISO 24409 specifies the sign originals that may be scaled for reproduction and application purposes. It includes signs which require supplementary text signs to be used in conjunction with them to improve comprehension. This catalogue is intended to be under continual revision as new shipboard signs and notices are added and as new requirements are identified and corresponding safety signs and notices are developed and standardised. Where an ISO 7010 reference number is given in this part of ISO 24409 it means that the sign is identical to the one in ISO 7010.

2   Normative references

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

ISO 3864 (all parts), *Graphical symbols — Safety colours and safety signs*

ISO 7010, *Graphical symbols — Safety colours and safety signs — Registered safety signs*

ISO 17631, *Ships and marine technology — Shipboard plans for fire protection, life-saving appliances and means of escape*

ISO 17724, *Graphical symbols — Vocabulary*

ISO 24409-1, *Ships and marine technology — Design, location, and use of shipboard safety signs — Part 1: Design principles*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 17724, ISO 24409-1, and the following apply.

3.1
fire control plan signs
signs used to identify and locate equipment shown on the fire control plan

Note 1 to entry: These signs are related to the symbols in ISO 17631; see 4.1 h) below.

3.2
image content
written description of the elements of a graphical symbol or safety sign and their relative disposition

3.3
referent
idea or object that a graphical symbol is intended to represent

3.4
safety sign original
safety sign with which a referent, a graphical representation and a description of the application are associated

4 Categorization of shipboard signs

4.1 Shipboard signs are categorized according to their function as follows.

a) **MES** is the category for means of escape signs which provide escape route identification.

b) **EES** is the category for emergency equipment signs which provide use and location of first aid facilities and portable safety equipment.

c) **LSS** is the category for life saving systems and appliances signs which provide use and location of life saving systems and appliances.

d) **FES** is the category for fire-fighting equipment signs which provide use and location of fire-fighting equipment.

e) **PSS** is the category for prohibition signs which provide prohibited actions.

f) **WSS** is the category for hazard warning signs which provide identification of hazards to avoid.

g) **MSS** is the category for mandatory action signs which provide mandatory notices and instructions.

NOTE   The PSS, WSS and MSS categories are the same, respectively, as the P, W and M categories of ISO 7010.

h) **SIS** is the category for safety and operating instructions for trained personnel. Most of these signs are taken from IMO Resolution A.952(23) for fire control symbols and ISO 17631.