
Small craft — Graphical symbols

Petits navires — Symboles graphiques

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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.

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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.

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ISO 11192 was prepared by Technical Committee ISO/TC 188, *Small craft*.

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Small craft — Graphical symbols

1 Scope

This International Standard specifies graphical symbols for operator controls, gauges, tell-tales, indicators, instructions and warnings against risks in small craft and for engines and other equipment intended to be used for small craft of up to 24 m length of hull.

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 3864-1:2002, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs in workplaces and public areas*

ISO 7000:2004, *Graphical symbols for use on equipment — Index and synopsis*

ISO 7010:2003, *Graphical symbols — Safety colours and safety signs — Safety signs used in workplaces and public areas*

ISO 17724:2003, *Graphical symbols — Vocabulary*

IEC 60417-DB-12M:2002, *Graphical symbols for use on equipment*

IEC 80416-1:2001, *Basic principles for graphical symbols for use on equipment — Part 1: Creation of symbol originals*

3 Terms and definitions

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

3.1

graphical symbol

visually perceptible figure with a particular meaning used to transmit information independently of language

[ISO 17724:2003, definition 31]

3.2

graphical symbol element

part of a graphical symbol with a particular meaning

[ISO 17724:2003, definition 32]

NOTE 1 Letters, numerals, punctuation marks and mathematical symbols may be used as graphical symbol elements.

NOTE 2 To represent certain concepts, graphical symbols or graphical symbol elements may be combined to form a new graphical symbol. The meaning assigned to the new graphical symbol is consistent with the meanings of the individual graphical symbols or graphical symbol elements used.

3.3 graphical symbol original
graphical symbol with which a referent, a graphical representation and a description of the application are associated

[ISO 17724:2003, definition 33]

4 Use of graphical symbols

Instructions for use of graphical symbols, including symbol originals and restyled symbols, and for positioning and size of graphical symbols are given in ISO 7000, ISO 7010, IEC 60417-DB-12M and IEC 80416-1.

5 Contents

This International Standard contains symbols for

- media;
- conditions;
- boat components;
- marine engine components;
- boat operation;
- engine operation;
- warning, caution, malfunction;
- miscellaneous.

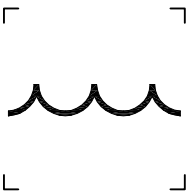
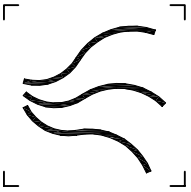
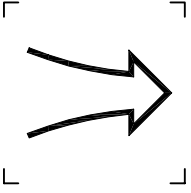
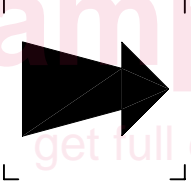
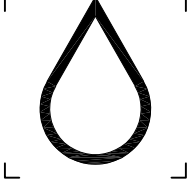
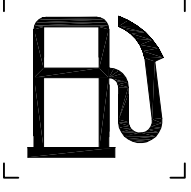
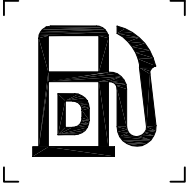
6 Symbol colours

When colours are used in symbols, they shall have the following meanings:

- | | |
|------------------|-------------------------|
| red | danger or unsafe or hot |
| yellow or orange | caution |

The use of colours for safety signs shall be in accordance with ISO 3864-1.

7 Media

No.	Symbol form/shape	Title	Function/application	ISO/IEC registration number
7.1		Fresh water Fresh-water-based coolant	To signify functions associated with fresh-water-based coolant.	ISO 7000-0536
7.2		Air, general	To indicate functions associated with the use of ambient air.	ISO 7000-0537
7.3		Intake air (for combustion)	To signify functions associated with intake air.	ISO 7000-1604
7.4		Exhaust gas	To signify functions associated with exhaust gas.	ISO 7000-1605
7.5		Oil	To identify functions associated with oil.	ISO 7000-1056
7.6		Fuel, general	To signify functions associated with fuel. To signify the fuel quantity indicator. At the fuel fill to indicate a petrol-type fuel.	ISO 7000-0245
7.7		Diesel fuel	To signify functions associated with fuel. At the fuel fill to indicate the use of diesel fuel.	ISO 7000-1541