
**Technical product documentation
(TPD) — General principles of
presentation —**

**Part 15:
Presentation of shipbuilding drawings**

*Documentation technique de produits (TPD) — Principes généraux de
représentation —*

Partie 15: Représentation des dessins de construction navale



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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. www.iso.org/directives

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The committee responsible for this document is ISO/TC 10, *Technical product documentation*, Subcommittee SC 6, *Mechanical engineering documentation*.

ISO 128 consists of the following parts, under the general title *Technical drawings — General principles of presentation*:

- *Part 1: Introduction and index*
- *Part 15: Presentation of shipbuilding drawings*
- *Part 20: Basic conventions for lines*
- *Part 21: Preparation of lines by CAD systems*
- *Part 22: Basic conventions and applications for leader lines and reference lines*
- *Part 23: Lines on construction drawings*
- *Part 24: Lines on mechanical engineering drawings*
- *Part 25: Lines on shipbuilding drawings*
- *Part 30: Basic conventions for views*
- *Part 34: Views on mechanical engineering drawings*
- *Part 40: Basic conventions for cuts and sections*
- *Part 44: Sections on mechanical engineering drawings*
- *Part 50: Basic conventions for representing areas on cuts and sections*
- *Part 71: Simplified representation for mechanical engineering drawings [Technical Specification]*

Technical product documentation (TPD) — General principles of presentation —

Part 15: Presentation of shipbuilding drawings

1 Scope

This part of ISO 128 specifies the presentation of shipbuilding drawings for general use on metal hulls.

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 128-25, *Technical drawings — General principles of presentation — Part 25: Lines on shipbuilding drawings*

ISO 3098-2, *Technical product documentation — Lettering — Part 2: Latin alphabet, numerals and marks*

ISO 5455, *Technical drawings — Scales*

ISO 5457, *Technical product documentation — Sizes and layout of drawing sheets*

ISO 6428, *Technical drawings — Requirements for microcopying*

3 General principles

The rules of sizes and layout of drawing sheets given in ISO 5457 apply.

The rules of scales given in ISO 5455 apply.

The basic types of lines, their designations and dimensions as well as general for draughting of line given in ISO 128-25 apply.

The requirements for microcopying given in ISO 6428 apply.

NOTE All figures in this International Standard are in the first angle projection method. The third angle projection method could equally well have been used without prejudice to the principles established.

4 Presentation of drawings

4.1 Basic requirements

4.1.1 The drawings shall be made in orthographic projection.

4.1.2 On the drawings, the stern is to the left and the bow is to the right.

4.1.3 The name of view (identification letter) is indicated at the top of the drawing.