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Ships and marine technology — Aluminium shore gangways for seagoing vessels

*Navires et technologie maritime — Planchons en aluminium pour
navires de haute mer*

ISO/TC 8/SC 1

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

This fourth edition cancels and replaces the third edition (ISO 7061:2015), which has been technically revised.

The main changes are as follows:

- the inclination angle text has been corrected,
- the test methods have been updated, and
- the marking has been corrected to align with IMO MSC.1/Circ.1331.^[1]

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.

Ships and marine technology — Aluminium shore gangways for seagoing vessels

1 Scope

This document specifies requirements and guidance for aluminium shore gangways.

This document applies to gangways designed to be carried on board ships, to provide a lightweight, convenient and safe means of access from ship to shore, for use primarily by the ship's crew. These gangways can also be used for access from ship to ship when conditions are favourable.

The gangways to which this document applies are not intended to carry wheeled traffic such as loaded trolleys.

2 Normative references

There are no normative references in this document.

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 <https://standards.iteh.ai/catalog/standards/iso/b801cfd-7d8d-480d-b6ba-c22e0daae5bc/iso-fdis-7061> gangway

bridge structure to allow safe embarkation and disembarkation from ship to shore or access to another ship

3.2 side frame

longitudinal-strength member of the *gangway* (3.1) to which the *cross-members* (3.3), stanchions, roller or wheels and the lifting lugs, etc. are attached

3.3 cross-member

part that holds the *side frame* (3.2) in position and provides support for the *decking plate* (3.4)

3.4 decking plate

flat-topped corrugated section or plate serving as the type A gangway floor

3.5 step

batten or small section fitted on the *decking plate* (3.4), or arc-shaped material fixed directly at both *side frames* (3.2) to give better foot grip when the *gangway* (3.1) is inclined from the horizontal position

3.6 guard rail

hand and intermediate guide, supported by stanchions, to prevent people falling from the *gangway* (3.1)

3.7

anti-slip securing part

hook plate, eye pad or angle section at the upper end of the *gangway* (3.1) to ensure that the gangway is firmly connected to shipboard structure to prevent slipping

3.8

removable connection part

part that disconnects and connects two parted sections of the gangway body, so as to connect firmly the two parted sections of the gangway body to one complete *gangway* (3.1), or to disconnect the one complete gangway into two sections

4 Types

4.1 General

A gangway can be designed into two types: decking plate gangway and arc-shaped steps gangway. The gangway body can be designed as one section, which can also be designed as two sections as required.

4.2 Type A: decking plate gangway

The type A gangway has the decking plate with anti-slip steps and is used horizontally or with an inclination angle of up to 30° from the horizontal (see [Figure 1](#)).

4.3 Type B: arc-shaped steps gangway

The type B gangway has arc-shaped steps that support loading, and the maximum inclination angle of use is 55° from the horizontal (see [Figure 2](#)).

5 Dimensions

5.1 General

The dimensions of the type A gangway shall be in accordance with [Figure 1](#).

The dimensions of the type B gangway shall be in accordance with [Figure 2](#).