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Large yachts — Deck equipment — Anchoring equipments

Grands yachts — Équipement de pont — Mouillage

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Foreword

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The committee responsible for this document is ISO/TC 8, *Ships and marine technology*, Subcommittee SC 12, *Large yachts*.

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Large yachts — Deck equipment — Anchoring equipments

1 Scope

This International Standard defines the requirements for layout, design, and installation for large yacht anchoring equipment.

For the purpose of this International Standard, large yachts are of L_H (as defined according to ISO 8666:2002) equal to or longer than 24 m, in use for sport or pleasure and commercial operations.

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 1704, *Ships and marine technology — Stud-link anchor chains*

ISO 3828, *Shipbuilding and marine structures — Deck machinery — Vocabulary and symbols*

ISO 4568, *Shipbuilding — Sea-going vessels — Windlasses and anchor capstans*

ISO 7825, *Shipbuilding — Deck machinery — General requirements*

ISO 8666:2002, *Small craft — Principal data*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 3828 and the following apply.

3.1
working load of the windlass
F_W
working load, derived from the chain cable diameter and the chain cable grade, measured at the cable lifter

3.2
nominal size of the windlass
NS_W
size expressed in terms of chain cable diameter, in millimetres, grade of chain cable, and pull capability

EXAMPLE 100/3/25 is the size designation of a windlass for 100 mm diameter chain cable of IACS (International Association of Classification Societies) Grade 3, with a holding load of 25 % of the breaking load of the chain cable.

3.3
anchor nominal weight
W_A
mass of a single anchor in kg

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