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Ships and marine technology — Jacking system appliances on self-elevating unit — Acceptance tests

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Ships and marine technology — Jacking system appliances on self-elevating unit — Acceptance tests

1 Scope

This document specifies the acceptance test requirements, test conditions, test contents and methods, test reports and other requirements for the jacking system of the self-elevating unit.

This document is applicable to the acceptance test of the rack and pinion jacking system and the hydraulic yoke and pin jacking system supporting the self-elevating unit. This document can also apply to the acceptance tests of other types of jacking systems.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 3828, *Shipbuilding and marine structures — Deck machinery — Vocabulary and symbols*

ISO 4406, *Hydraulic fluid power — Fluids — Method for coding the level of contamination by solid particles*

ISO 4864, *Ships and marine technology — Jacking system appliances on self-elevating unit — General requirements*

3 Terms and definitions

For the purpose of this document, the terms and definitions given in ISO 3828 and ISO 4864 and the following 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
test programme of the self-elevating unit
technical document issued by the self-elevating unit designer, which specifies test conditions, test items, test contents and acceptance criteria for the self-elevating unit, and is applicable to the jacking system and full stroke jacking test in the shipyard

3.2
test programme of the jacking system
technical document issued by the manufacturer, specifying test conditions, test items, test contents and acceptance criteria for the jacking system

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