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Edition 2.0 2023-08



INTERNATIONAL STANDARD NORME INTERNATIONALE

AMENDMENT 2 AMENDEMENT 2

Utility connections in port –

Part 1: High voltage shore connection (HVSC) systems – General requirements

Alimentation des navires à quai –

Partie 1: Systèmes de connexion à quai à haute tension (HVSC) – Exigences générales



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General requirements****FOREWORD**

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This amendment has been prepared by IEC technical committee 18: Electrical installations of ships and of mobile and fixed offshore units, in cooperation with

- IEC subcommittee 23H: Plugs, socket-outlets and couplers for industrial and similar applications, and for electric vehicles, of IEC technical committee 23: Electrical accessories,
- ISO subcommittee 3: Piping and machinery, of ISO technical committee 8: Ships and marine technology, and
- IEEE IAS Petroleum and chemical industry committee.

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The text of this amendment is based on the following documents:

Draft	Report on voting
18/1810/FDIS	18/1850/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table. In ISO, the amendment has been approved by XXX P members out of YYY having cast a vote.

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

4 General requirements

Add, after the existing 4.9, the following new subclause:

4.10 Ship specific annexes

Annex B to Annex G are ship specific annexes that include additional requirements to safety and compatibility for compliant ships at different compliant berths.

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Additional annex:

Annex G (normative)

Additional requirements for vehicle carriers

G.1 General

Annex G describes the additional requirements to HVSC systems of vehicle carriers, meaning multi-deck roll-on, roll-off cargo ships designed to carry empty cars and trucks, other than those vessel types in Annex B.

The clause numbering of Annex G follows that of the main body of the text. Hence, the numbering is not necessarily continuous. Any content which is not explicitly mentioned applies, without modification. For example, G.4.1 refers to 4.1 in the main body.

G.4.1 System description

The general system diagram is shown in Figure G.1.

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