

# INTERNATIONAL STANDARD

**IEC**  
**60092-503**

Second edition  
2007-06

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## Electrical installations in ships –

### Part 503:

#### Special features –

**AC supply systems with voltages in the range  
of above 1 kV up to and including 15 kV**



Reference number  
IEC 60092-503:2007(E)



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IEC Central Office  
3, rue de Varembe  
CH-1211 Geneva 20  
Switzerland  
Email: [inmail@iec.ch](mailto:inmail@iec.ch)  
Web: [www.iec.ch](http://www.iec.ch)

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICAL INSTALLATIONS IN SHIPS –****Part 503: Special features –  
AC supply systems with voltages in the range  
of above 1 kV up to and including 15 kV**

## FOREWORD

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International Standard IEC 60092-503 has been prepared by IEC technical committee 18: Electrical installations of ships and of mobile and offshore units

This second edition cancels and replaces the first edition published in 1975. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition.

- a) The scope is changed to an upper limit of the system voltage from 11 kV to 15 kV.
- b) General requirements regarding warning notices, access to installations, clearances and creepage distances of uninsulated conductors and earthing have been introduced.
- c) Technical review has generally been made to update the standard according to general requirements and referenced equipment standards.

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

FDIS	Report on voting
18/1053/FDIS	18/1059/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 60092 series, under the general title *Electrical installations in ships*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site 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- withdrawn,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.

A bilingual version of this publication may be issued at a later date.

Witholdawm

## INTRODUCTION

IEC 60092 forms a series of International Standards for electrical installations in sea-going ships, incorporating good practice and coordinating, as far as possible, existing rules.

These standards form a code of practical interpretation and amplification of the requirements of the International Convention for the Safety of Life at Sea, a guide for future regulations which may be prepared, and a statement of practice for use by shipowners, shipbuilders and appropriate organizations.

Withdrawn