IEC 60092-350

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INTERNATIONAL STANDARD

Electrical installations in ships –
Part 350: General construction and test methods of power, control and instrumentation cables for shipboard and offshore applications

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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International Standard IEC 60092-350 has been prepared by subcommittee 18A: Cables and cable installations, of IEC technical committee 18: Electrical installations of ships and of mobile and fixed offshore units.

This third edition cancels and replaces the second edition published in 2001 and constitutes a technical revision.

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

a) the new insulating compounds contained in IEC 60092-351;
b) the new sheathing compounds contained in IEC 60092-359;
c) the publication of IEC 60092-376;
d) the inclusion of cables up to 30 kV in the revision of IEC 60092-354;

e) for use in a limited number of closely defined applications, the provision to allow the design of a single core cable with a single extrusion covering, having a thickness equal to that of both an insulation and sheath;

f) new tests for the determination of enhanced cold properties, oil resistance, and resistance to drilling fluids.

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

FDIS	Report on voting
18A/285/FDIS	18A/286/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.

The list of all the 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- withdrawn,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.