

Standards to Cables Used for Special Purposes

Amended Rules

Rules for the Survey and Construction of Steel Ships Part H
Rules for High Speed Craft
Rules for the Survey and Construction of Inland Waterway Ships

Reason for Amendment

IACS Unified Requirement E7 specifies that general cables are to be type approved and manufactured in accordance with the IEC 60092 series.

In recent years, increases in the use of computer devices on board ships and the amount of information being processed by control systems have led to a corresponding increase in the use of special cables such as the flexible cables used for information systems as well as the use of fibre-optic cables, etc. In many cases, however, these special cables are manufactured in accordance with standards other than the above-mentioned IEC series because such cables tend to be different in terms of physical strength, etc. from more traditional general cables.

In response to the above, IACS conducted a review of UR E7 and amended it allow the use of such special cables. This amended version was adopted as IACS UR E7(Rev.4) in April 2016.

Accordingly, relevant requirements were amended in accordance with IACS UR E7(Rev.4).

Outline of Amendment

Specified that cables such as fibre-optic cables, etc. used for special purposes, which are manufactured in accordance with standards other than those for general cables, may be used in cases where deemed appropriate by the Society.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part H: 2.9.1
Rules for High Speed Craft Part 10 2.7.1
Rules for the Survey and Construction of Inland Waterway Ships Part 8 2.9.1