

Ships and marine technology - Heading control systems

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 11674:2002 sisaldab Euroopa standardi EN ISO 11674:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 14.02.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 11674:2002 consists of the English text of the European standard EN ISO 11674:2001.</p> <p>This document is endorsed on 14.02.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This standard specifies the structure, performance, inspection and testing of heading control systems to be installed on board ships.</p>	<p>Scope: This standard specifies the structure, performance, inspection and testing of heading control systems to be installed on board ships.</p>
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Võtmesõnad: automatic control, automatic control systems, automatic systems, definition, definitions, marine navigation, naval engineering, navigation, offshore engineering, operating conditions

English version

Ships and marine technology

Heading control systems
(ISO 11674 : 2000)

Navires et technologie maritime –
Systèmes de pilotage
(ISO 11674 : 2000)

Schiffe und Meerestechnik – Selbst-
steueranlagen (ISO 11674 : 2000)

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 11674 : 2000 Ships and marine technology – Heading control systems, which was prepared by ISO/TC 8 ‘Ships and marine technology’ of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 300 ‘Ships and marine technology’, the Secretariat of which is held by DIN, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by February 2002 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 11674 : 2000 was approved by CEN as a European Standard without any modification.

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1 Scope

This International Standard specifies the structure, performance, inspection and testing of heading control systems to be installed on board ships.

It applies to the heading control systems which enable a ship *to keep a preset heading with minimum operation of the ship's steering gear, within limits related to the ship's manoeuvrability in conjunction with their sources of heading information.*

The heading control system may work together with a track control system adjusting its heading for drift.

A turn rate control or a turning-radius control for performing turns may be provided.

NOTE All the text in this International Standard identical to that in IMO Resolutions [Resolution A.342(IX) as amended by resolution MSC.64(67), annex 3 and Resolution A.694(17)] are printed in italics.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 694:2000, *Ships and marine technology — Positioning of magnetic compasses in ships.*

IEC 60945:1996, *Maritime navigation and radiocommunication equipment and systems — General requirements — Methods of testing and required test results.*

IEC 61162, *Maritime navigation and radiocommunication equipment and systems — Digital interfaces.*

3 Terms and definitions

For the purposes of this International Standard, the following terms and definitions apply.

3.1

adjustment control

device which changes the characteristics of an automatic steering device, including proportional rudder adjustment, derivative rudder adjustment, integral rudder adjustment and weather adjustment

NOTE The term "derivative rudder adjustment" is also called "counter rudder adjustment" customarily.