



SLOVENSKI STANDARD

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SIST EN 61174:2009

Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Prikazovalnik elektronskih kart in informacijski sistem (ECDIS) - Zahteve za delovanje in lastnosti, preskusne metode in zahtevani rezultati preskušanja

Maritime navigation and radiocommunication equipment and system - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results

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Ta slovenski standard je istoveten z: EN 61174:2015

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| 47.020.70 | Navigacijska in krmilna oprema | Navigation and control equipment |
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EUROPEAN STANDARD

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Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results
(IEC 61174:2015)

Matériels et systèmes de navigation et de radiocommunication maritimes - Systèmes de visualisation des cartes électroniques et d'information (ECDIS) - Exigences d'exploitation et de fonctionnement, méthodes d'essai et résultats d'essai exigés
(IEC 61174:2015)

Navigations- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Elektronisches Kartendarstellungs- und Informationssystem (ECDIS) - Betriebs- und Leistungsanforderungen, Prüfverfahren und geforderte Prüfergebnisse
(IEC 61174:2015)

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European foreword

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The text of the International Standard IEC 61174:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

| | | |
|------------------|------|---|
| IEC 61162 series | NOTE | Harmonized in EN 61162 series |
| IEC 61162-2:1998 | NOTE | Harmonized as EN 61162-2:1998 (not modified). |
| IEC 61162-3 | NOTE | Harmonized as EN 61162-3. |
| IEC 61162-460 | NOTE | Harmonized as EN 61162-460. |
| IEC 61966-4:2000 | NOTE | Harmonized as EN 61966-4:2000 (not modified). |
| IEC 62616:2010 | NOTE | Harmonized as EN 62616:2010 (not modified). |
| ISO 9001 | NOTE | Harmonized as EN ISO 9001. |
| ISO 9241-12 | NOTE | Harmonized as EN ISO 9241-12. |

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|--|--------------|-------------|
| IEC 60945 | - | Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results | EN 60945 | - |
| IEC 61162-1 | - | Maritime navigation and radiocommunication equipment and systems - Digital interfaces -- Part 1: Single talker and multiple listeners | EN 61162-1 | - |
| IEC 61162-450 | 2011 | Maritime navigation and radiocommunication equipment and systems - Digital interfaces -- Part 450: Multiple talkers and multiple listeners - Ethernet interconnection | EN 61162-450 | 2011 |
| IEC 61924-2 | 2012 | Maritime navigation and radiocommunication equipment and systems - Integrated navigation systems -- Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results | EN 61924-2 | 2013 |
| IEC 61996-1 | 2013 | Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) -- Part 1: Performance requirements, methods of testing and required test results | EN 61996-1 | 2013 |

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| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|-----------------------|-------------|---|--------------|-------------|
| IEC 62288 | 2014 | Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results | EN 62288 | 2014 |
| IEC 62388 | 2013 | Maritime navigation and radiocommunication equipment and systems - Shipborne radar - Performance requirements, methods of testing and required test results | EN 62388 | 2013 |
| ISO 8601 | - | Data elements and interchange formats - Information interchange - Representation of dates and times | - | - |
| IHO M-3 | 2007 | Resolutions of the IHO, Chapter A, Section-3, Technical Resolution 3.11 | - | - |
| IHO S-52 Annex A | 2014 | IHO Presentation Library for ECDIS | - | - |
| IHO S-52 appendix 1 | 2012 | Guidance on updating the electronic navigational chart | - | - |
| IHO S-52 | 2014 | Specifications for Chart Content and Display Aspects of ECDIS | - | - |
| IHO S-57 appendix B.1 | - | ENC product specification | - | - |
| IHO S-57 | - | Transfer standard for digital hydrographic data | - | - |
| IHO S-61 | 1999 | Product specification for raster navigational charts (RNC) | - | - |
| IHO S-63 | - | IHO data protection scheme | - | - |
| IHO S-64 | - | Test data sets for ECDIS | - | - |
| IMO A.694(17) | 1991 | General requirements for shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) and for electronic navigational aids | - | - |
| IMO MSC.191(79) | 2004 | Performance standards for the presentation of navigation-related information on shipborne navigational displays | - | - |
| IMO MSC.232(82) | 2006 | Adoption of the revised performance standards for electronic chart display and information systems (ECDIS) | - | - |
| IMO MSC.252(83) | - | Performance standards for integrated navigation systems (INS) | - | - |
| IMO MSC/Circular 982 | 2000 | Guidelines on ergonomic criteria for bridge equipment and layout | - | - |
| IMO SN.1/Circular 266 | 2007 | Maintenance of electronic chart display and information system (ECDIS) software | - | - |
| IMO SOLAS | | Convention for safety of life at sea (SOLAS) | - | - |



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INTERNATIONAL STANDARD



**Maritime navigation and radiocommunication equipment and systems –
Electronic chart display and information system (ECDIS) – Operational and
performance requirements, methods of testing and required test results**

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