

Maritime navigation and radiocommunication
equipment and systems - Digital interfaces - Part 460:
Multiple talkers and multiple listeners - Ethernet
interconnection - Safety and security

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 61162-460:2015 sisaldab Euroopa standardi EN 61162-460:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 61162-460:2015 consists of the English text of the European standard EN 61162-460:2015.
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English Version

Maritime navigation and radiocommunication equipment and
systems - Digital interfaces - Part 460: Multiple talkers and
multiple listeners - Ethernet interconnection - Safety and security
(IEC 61162-460:2015)

Matériels et systèmes de navigation et de
radiocommunication maritimes - Interfaces numériques -
Partie 460 : Émetteurs multiples et récepteurs multiples -
Interconnexion Ethernet - Sécurité et sécurité
(IEC 61162-460:2015)

Navigations- und Funkkommunikationsgeräte und -systeme
für die Seeschifffahrt - Digitale Schnittstellen - Teil 460:
Mehrere Datensender und mehrere Datenempfänger -
Ethernet Verbund - Funktionale und Informationssicherheit
(IEC 61162-460:2015)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-09-22

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

IEC 60812	NOTE Harmonized in EN 60812.
IEC 61162 series	NOTE Harmonized in EN 61162 series.
IEC 61162-1	NOTE Harmonized in EN 61162-1.
IEC 61162-2	NOTE Harmonized in EN 61162-2.
IEC 62439 series	NOTE Harmonized in EN 62439 series.
IEC 62439-1	NOTE Harmonized in EN 62439-1.
IEC 62439-2	NOTE Harmonized in EN 62439-2.
IEC 62439-3	NOTE Harmonized in EN 62439-3.
IEC 62439-4	NOTE Harmonized in EN 62439-4.
IEC 62439-5	NOTE Harmonized in EN 62439-5.
IEC 62439-6	NOTE Harmonized in EN 62439-6.
ISO 9241-12	NOTE Harmonized in 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	-	Matériels et systèmes de navigation et de radiocommunication maritimes - Spécifications générales - Méthodes d'essai et résultats exigibles	EN 60945	-
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	Matériels et systèmes de navigation et de radiocommunication maritimes - Systèmes de navigation intégrés -- Partie 2: Structure modulaire pour les INS - Exigences d'exploitation et de fonctionnement, méthodes et résultats d'essais exigés	EN 61924-2	2013
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
IEEE 802.1D	2004	IEEE Standard for local and metropolitan area networks - Media Access Control (MAC) Bridges	-	-
IEEE 802.1Q	2005	IEEE Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks	-	-
ISOC RFC 792	-	Internet Control Message Protocol (ICMP), Standard STD0005 (and updates)	-	-
ISOC RFC 1112	-	Host Extensions for IP Multicasting	-	-
ISOC RFC 2236	-	Internet Group Management Protocol, Version 2	-	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISOC RFC 3411	-	An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks		
ISOC RFC 4604	-	Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast		
ISOC RFC 5424	-	The Syslog Protocol	-	-

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