

Maritime navigation and radiocommunication
equipment and systems - Class B shipborne equipment
of the automatic identification system (AIS) - Part 1:
Carrier-sense time division multiple access (CSTDMA)
techniques

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 62287-1:2017 sisaldab Euroopa standardi EN 62287-1:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 62287-1:2017 consists of the English text of the European standard EN 62287-1:2017.
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English Version

Maritime navigation and radiocommunication equipment and
systems - Class B shipborne equipment of the automatic
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multiple access (CSTDMA) techniques
(IEC 62287-1:2017)

Matériels et systèmes de navigation et de
radiocommunications maritimes - Transpondeur embarqué
du système d'identification automatique (AIS) de classe B -
Partie 1: Technique d'accès multiple par répartition dans le
temps avec écoute de porteuse (CSTDMA)
(IEC 62287-1:2017)

Navigations- und Funkkommunikationsgeräte und -systeme
für die Seeschifffahrt - Geräte der Klasse B des
automatischen Identifikationssystems (AIS) für Schiffe -
Teil 1: Zeitmultiplex-Vielfachzugriffstechniken mit
Aktivitätserkennung (CSTDMA)
(IEC 62287-1:2017)

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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

The text of document 80/837/FDIS, future edition 3 of IEC 62287-1, prepared by IEC/TC 80 "Maritime navigation and radiocommunication equipment and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62287-1:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-02-10
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-05-10

This document supersedes EN 62287-1:2011.

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

IEC 61162-450	NOTE	Harmonized as EN 61162-450.
ISO 9000	NOTE	Harmonized as EN ISO 9000.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. 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	2002	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	2002
IEC 61108	series	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS)	EN 61108	series
IEC 61162-1	-	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners	EN 61162-1	-
IEC 61993-2	-	Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) - Part 2: Class A shipborne equipment of the automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results	EN 61993-2	-
IEC 62320-1	-	Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results	EN 62320-1	-
ITU-R Recommendation M.493	-	Digital selective-calling system for use in the maritime mobile service	-	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ITU-R Recommendation M.825-3	1998	Characteristics of a transponder system using digital selective calling techniques for use with vessel traffic services and ship-to-ship identification	-	-
ITU-R Recommendation M.1084-5	2012	Interim solutions for improved efficiency in the use of the band 156-174 MHz by stations in the maritime mobile service	-	-
ITU-R Recommendation M.1371-5	2014	Technical characteristics for an automatic identification system using time-division multiple access in the VHF maritime mobile band	-	-
ITU Radio Regulations	2012	Radio Regulations	-	-

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INTRODUCTION

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SRT Marine systems plc

Neil Peniket

Chief Operating Officer

SRT Marine Systems plc, Wireless House, First Avenue, Westfield Industrial Estate,
Midsomer Norton, Bath, UK. BA3 4BS

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