

SLOVENSKI STANDARD
SIST EN 62287-1:2011/A1:2014
01-marec-2014

Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Ladijska oprema razreda B samodejnega identifikacijskega sistema (AIS) - 1. del: Tehnike uporabniško občutljivega časovnega sodostopa (CSTDMA) - Dopolnilo A1 (IEC 62287-1:2010/A1:2013)

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

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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)

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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)

Ta slovenski standard je istoveten z: EN 62287-1:2011/A1:2014

ICS:

47.020.70	Navigacijska in krmilna oprema	Navigation and control equipment
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**EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM**

EN 62287-1/A1

January 2014

ICS 47.020.70

English version

**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
(IEC 62287-1:2010/A1:2013)**

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)
(CEI 62287-1:2010/A1:2013)

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 62287-1:2010/A1:2013)

SIST EN 62287-1:2011/A1:2014

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This amendment A1 modifies the European Standard EN 62287-1:2011; it was approved by CENELEC on 2014-01-22. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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CENELEC

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

Foreword

The text of document 80/680/CDV, future IEC 62287-1:2010/A1, 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 62287-1:2011/A1:2014.

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) 2014-10-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-01-22

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 62287-1:2010/A1:2013 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

AMENDMENT 1

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

[SIST EN 62287-1:2011/A1:2014](#)

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FOREWORD

This amendment has been prepared by IEC technical committee 80: Maritime navigation and radiocommunication equipment and systems.

The text of this amendment is based on the following documents:

CDV	Report on voting
80/680/CDV	80/695/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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A bilingual version of this publication may be issued at a later date.

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INTRODUCTION to Amendment 1

This amendment clarifies the conditions required for input of external GNSS position, the associated tests and required results.

6.3 GNSS receiver for position reporting

Replace the first bullet and text by the following:

- datum information is received which indicates that the WGS-84 datum is in use;

Replace the third bullet and text by the following:

- internal position is available and the external position is within 26 m of the internal position, and

10.6.1.3.2 Method of measurement

Replace the entire existing text of this subclause by the following text:

Set up standard test environment and operate EUT in autonomous mode.

- a) Apply external position data with expected error <10 m (from GBS sentence) and within 26 m of internal position.

- b) Simulate unavailable/invalid external sensor data and missing/incorrect checksum.
- c) Apply a non-WGS-84 position input.
- d) Apply an unspecified (no DTM) position input.
- e) Apply a low accuracy position input with expected error >10 m or without RAIM information (no GBS).
- f) Apply position data with more than 26 m apart from internal position.
- g) Disconnect the internal GNSS antenna, or otherwise disable the internal GNSS receiver.

Record all messages on VDL and check the contents of position report Message 18 for position and COG/SOG.

10.6.1.3.3 Required results

Replace the entire existing text of this subclause by the following text:

The following results are required.

- a) Data transmitted by the EUT complies with external sensor inputs.
- b), c), d), e), f), g) External data is not used.

In all cases, confirm that accuracy and RAIM flags are set accordingly; confirm that position and COG/SOG are of the same source.

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