



**SLOVENSKI STANDARD**  
**SIST EN ISO 13141:2016/A1:2017**  
**01-oktober-2017**

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**Elektronsko pobiranje pristojbin - Lokalizacija povečane gostote komunikacije za avtonomne sisteme - Dopnilo A1 (ISO 13141:2015/Amd 1:2017)**

Electronic fee collection - Localisation augmentation communication for autonomous systems - Amendment 1 (ISO 13141:2015/Amd 1:2017)

Elektronische Gebührenerfassung - Genauere Ortsbestimmung für autonome Systeme - Ergänzung 1 (ISO 13141:2015/Amd 1:2017)

Perception de télépéage - Communications d'augmentation de localisations pour systèmes autonomes - Amendement 1 (ISO 13141:2015/Amd 1:2017)

<https://standards.iteh.ai/catalog/standards/sist/5b636602-c11d-43b7-a1cb-a181b91cd69b/sist-en-iso-13141-2016-a1-2017>

**Ta slovenski standard je istoveten z: EN ISO 13141:2015/A1:2017**

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**ICS:**

03.220.20	Cestni transport	Road transport
35.240.60	Uporabniške rešitve IT v prometu	IT applications in transport

**SIST EN ISO 13141:2016/A1:2017**      **en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 13141:2015/A1**

June 2017

ICS 03.220.20; 35.240.60

English Version

**Electronic fee collection - Localisation augmentation  
communication for autonomous systems - Amendment 1  
(ISO 13141:2015/Amd 1:2017)**

Perception de télépéage - Communications  
d'augmentation de localisations pour systèmes  
autonomes - Amendement 1 (ISO 13141:2015/Amd  
1:2017)

Elektronische Gebührenerfassung - Kommunikation  
zur genauen Ortsbestimmung für autonome Systeme -  
Änderung 1 (ISO 13141:2015/Amd 1:2017)

This amendment A1 modifies the European Standard EN ISO 13141:2015; it was approved by CEN on 21 May 2017.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 CEN 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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## European foreword

This document (EN ISO 13141:2015/A1:2017) has been prepared by Technical Committee ISO/TC 204 "Intelligent transport systems" in collaboration with Technical Committee CEN/TC 278 "Intelligent transport systems" the secretariat of which is held by NEN.

This Amendment to the European Standard EN ISO 13141:2015 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2017, and conflicting national standards shall be withdrawn at the latest by December 2017.

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

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

### Endorsement notice

iTeh STANDARD PREVIEW

The text of ISO 13141:2015/Amd 1:2017 has been approved by CEN as EN ISO 13141:2015/A1:2017 without any modification.

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INTERNATIONAL  
STANDARD

ISO  
13141

First edition  
2015-12-01  
**AMENDMENT 1**  
2017-06

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**Electronic fee collection — Localisation  
augmentation communication for  
autonomous systems**

**AMENDMENT 1**

*Perception de télépéage — Communications d'augmentation de  
localisations pour systèmes autonomes*

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AMENDEMENT 1

SIST EN ISO 13141:2016/A1:2017

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Reference number  
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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

Amendment 1 to ISO 13141:2015 was prepared by Technical Committee ISO/TC 204, *Intelligent transport systems*.

This amendment defines the Electronic fee collection localisation augmentation communication using the WAVE communication stack as defined in IEEE.