



**SLOVENSKI STANDARD**  
**SIST EN ISO 14906:2011/A1:2015**  
**01-december-2015**

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**Elektronsko pobiranje pristojbin - Definicija aplikacijskega vmesnika za posebne komunikacije kratkega dosega (ISO 14906:2011/Amd 1:2015)**

Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2011/Amd 1:2015)

Elektronische Gebührenerhebung - Anwendungsschnittstelle zur dezidierten Nahbereich-Kommunikation (ISO 14906:2011/Amd 1:2015)

Perception du télépéage - Définition de l'interface d'application relative aux communications dédiées à courte portée (ISO 14906:2011/Amd 1:2015)

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**Ta slovenski standard je istoveten z: EN ISO 14906:2011/A1:2015**

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**ICS:**

03.220.20	Cestni transport	Road transport
35.240.60	Uporabniške rešitve IT v transportu in trgovini	IT applications in transport and trade

**SIST EN ISO 14906:2011/A1:2015**      **en,fr,de**

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EUROPEAN STANDARD

EN ISO 14906:2011/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2015

ICS 03.220.20; 35.240.60

English Version

## Electronic fee collection - Application interface definition for dedicated short-range communication - Amendment 1 (ISO 14906:2011/Amd 1:2015)

Perception du télépéage - Définition de l'interface d'application relative aux communications dédiées à courte portée - Amendement 1 (ISO 14906:2011/Amd 1:2015)

Elektronische Gebührenerhebung - Anwendungsschnittstelle zur dezidierten Nahbereich-Kommunikation - Änderung 1 (ISO 14906:2011/Amd 1:2015)

This amendment A1 modifies the European Standard EN ISO 14906:2011; it was approved by CEN on 23 April 2015.

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.

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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 14906:2011/A1:2015) 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 14906:2011 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

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

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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The text of ISO 14906:2011/Amd 1:2015 has been approved by CEN as EN ISO 14906:2011/A1:2015 without any modification.

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INTERNATIONAL  
STANDARD

ISO  
14906

Second edition  
2011-10-15  
**AMENDMENT 1**  
2015-07-01

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**Electronic fee collection — Application  
interface definition for dedicated  
short-range communication**

**AMENDMENT 1**

*Perception du télépéage — Définition de l'interface d'application  
relative aux communications dédiées à courte portée*

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AMENDEMENT 1

SIST EN ISO 14906:2011/A1:2015

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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)).

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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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 204, *Intelligent transport systems*.

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# Electronic fee collection — Application interface definition for dedicated short-range communication

## AMENDMENT 1

### 1 Amendment to Clause 3.2, action

Page 2, Clause 3.2, delete the clause.

### 2 Amendment to Clause 3.11, element

Page 3, Clause 3.11, replace:

element

with

Element

### 3 Amendment to Clause 6.2.3, ContextVersion

Page 14, Clause 6.2.3, replace:

EFC-ContextMark:: = SEQUENCE{

ContractProvider

Provider,

TypeOfContract

OCTET STRING (SIZE(2)),

ContextVersion

INTEGER(0..127,..)

}

with

EFC-ContextMark:: = SEQUENCE{

ContractProvider

Provider,

TypeOfContract

OCTET STRING (SIZE(2)),

ContextVersion

INTEGER(0..127,..)

}

The extensibility of the ContextVersion should not be used. ContextVersion is coded as a single octet.

### 4 Amendment to Clause 8.1, General

Page 35, Clause 8.1, replace:

**Table 36 — EFC Attributes**

AttributeID	Attribute	Length in Octet	Data Group
0	EFC-ContextMark	6	Contract
1	ContractSerialNumber	4	
2	ContractValidity	6	

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Table 36 (continued)

AttributeID	Attribute	Length in Octet	Data Group
35	ValidityOfContract	4	Receipt
3	ContractVehicle	Variable	
4	ContractAuthenticator	Variable	
5	ReceiptServicePart	13	
6	SessionClass	2	
7	ReceiptServiceSerialNumber	3	
36	ReceiptFinancialPart	23	
9	ReceiptContract	9	
10	ReceiptOBUId	Variable	
11	ReceiptICC-Id	Variable	
12	ReceiptText	Variable	
13	ReceiptAuthenticator	Variable	
14	ReceiptDistance	3	
33	ReceiptData1	28	
34	ReceiptData2	28	
15	VehicleIdentificationNumber	Variable	Vehicle
16	VehicleLicencePlateNumber	Variable	
17	VehicleClass	1	
18	VehicleDimensions	3	
19	VehicleAxles	2	
20	VehicleWeightLimits	6	
21	VehicleWeightLaden	2	
22	VehicleSpecificCharacteristics	4	
23	VehicleAuthenticator	Variable	
37	AxleWeightLimits	10	
38	PassengerCapacity	2	
39	Engine	4	Equipment
40	SoundLevel	2	
41	ExhaustEmissionValues	8	
42	DieselEmissionValues	4	
43	CO2EmissionValue	2	
44	VehicleTotalDistance	4	
45	TrailerLicencePlateNumber	Variable	
46	TrailerCharacteristics	5	
24	EquipmentOBUId	Variable	
25	EquipmentICC-Id	Variable	
26	EquipmentStatus	2	
27	DriverCharacteristics	2	Driver
47	ActualNumberOfPassengers	1	