TECHNICAL REPORT

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Intelligent transport systems — Cooperative ITS —

Part 3: Release procedures for standards documents

Systèmes intelligents de transport — Coopérative ITS —

Partie 3: Procédures de publication pour les documents normatifs

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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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).

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).

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*.

ISO/TR 17465 consists of the following parts, under the general title *Intelligent transport systems — Cooperative ITS*:

— *Part 1: Terms and definitions*

— *Part 2: Guidelines for standards documents*

— *Part 3: Release procedures for standards documents*

Introduction

As cooperative ITS is able to provide many services, many applications will be needed to deliver them, all communicating with each other and sharing data, it is very likely that many different standards will be needed. The users of standards such as system designers and applications developers will have to be able to select a consistent group of standards from those that are relevant to the particular services that they are implementing. However, as standards development is a continuous process, it is likely to become difficult for users to easily identify which version of each standard they have to use if all the standards in the selected group are to be consistent with each other.

Therefore, it is proposed that ISO TC 204 follow the practice adopted by several other Standards Development Organizations and put in place a Release Procedure that will enable the identification of the standards that are consistent with each other. This will be done through a Technical Report that defines which standards are to be included in a particular Release, and what each of these standards will cover. Thus, users will be able to identify which standards are consistent with each other from the group of standards that are relevant to the particular system or application that they are creating.

The identification of the applicability of the standards in each Release to the work that the users are doing will be through the service(s) that will be supported by the use of those standards. This is because the content of the service(s) will define the functionality needed by the applications that are to deliver them and the communications the applications require to exchange and share data. Both the content of the applications and the communications requirements will make it possible to identify the standards that will be needed.

Although intended for use internally by ISO TC 204, there is no reason why what is described in the Release Procedure described in this Technical Report could not be used by other Standards Development Organizations that do not already have their own similar procedures, or indeed by any other organization needing to produce a consistent set of documents.

Intelligent transport systems — Cooperative ITS —

Part 3:
Release procedures for standards documents

1 Scope

The scope of this Technical Report is to provide a description of the release procedures for standards that is to be used within ISO TC 204. In the main, these will be International Standards produced by ISO TC 204; however, it is likely that some standards produced by other Standards Development Organizations will have to be included in some releases. Initially, this release procedure will be applied to the deployment of standards for cooperative-ITS, however, in principle at least, it should be possible to apply it to standards for other ITS domains. It also has to be possible for this release procedure to be used by other Standards Development Organizations that do not already have their own procedures and with suitable changes to the identities of the people and groups involved, by any other organization that needs to produce a consistent set of documents.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1
cooperative-ITS
C-ITS
subset of overall ITS that communicates and shares information between ITS stations and ITS applications to give advice or facilitate actions with the objective of improving safety, sustainability, efficiency and comfort beyond the scope of stand-alone systems

[SOURCE: ISO/TR 17465-1: 2014, 2.1 — modified]

2.2
intelligent transport systems
ITS
transport systems in which advanced information, communication, sensor and control technologies, including the internet, are applied to increase safety, sustainability, efficiency and comfort

[SOURCE: ISO/TR 17465-1: 2014, 2.3]

2.3
ITS service
functionality provided to users of *intelligent transport systems* (2.2) designed e.g. to increase safety, sustainability, efficiency, or comfort

[SOURCE: ISO 21217:2014, 3.11]

2.4
Technical Report
TR
standards document that provides information, compliance with which is not mandatory and the format of which is defined in ISO rules and regulations