
**Intelligent transport systems —
Cooperative ITS —**

**Part 1:
Terms and definitions**

*Systèmes intelligents de transport — Coopérative ITS —
Partie 1: Termes et définitions*

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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).

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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

This part of ISO/TR 17465 provides the definition of the term “Cooperative-ITS” (or “C-ITS” in its abbreviated form), and contains descriptions of C-ITS from several perspectives. It is anticipated that “C-ITS” will replace “cooperative systems” in all relevant ITS standards published after September 2012.

Although the concept of cooperative-TS is easy to understand, its implementation can be complex because of the need to provide several services using many applications, all potentially communicating with each other and sharing data in a structured manner (cf. OSI data communication model). As such, the set of standards required to implement a service will beneficially be composed of several parts. In order that users can easily find the standards information that they require, ISO/TR 17465-2 provides the outline of the common structure to be used for these multi-part standards, and a detailed description of the reference standards to be used for the creation of each part and the content of each part. ISO/TR 17465-3 will describe the “release” procedure to be adopted for future Cooperative-ITS-related standards.

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