

IEEE Standard for Wireless Access in Vehicular Environments (WAVE)— Identifiers

IEEE Vehicular Technology Society

Developed by the
Intelligent Transportation Systems Committee

IEEE Std 1609.12™-2019
(Revision of IEEE Std 1609.12-2016)

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Approved 5 September 2019

IEEE SA Standards Board

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Abstract: Wireless Access in Vehicular Environments (WAVE) is specified in the IEEE 1609 family of standards, within which certain identifiers are used. The use of these identifiers is described, and identifier values that have been allocated for use by WAVE systems are indicated.

Keywords: IEEE 1609.12™, Provider Service Identifier, PSID, WAVE, Wireless Access in Vehicular Environments

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Introduction

This introduction is not part of IEEE Std 1609.12-2019, IEEE Standard for Wireless Access in Vehicular Environments (WAVE)—Identifiers.

This standard defines identifiers for use with the IEEE 1609™ series of standards.

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IEEE Standard for Wireless Access in Vehicular Environments (WAVE)—Identifiers

1. Scope

This standard defines identifiers for use with the IEEE 1609™ series of standards.

2. Normative references

The following referenced documents are indispensable for the application of this document (i.e., they must be understood and used, so each referenced document is cited in text and its relationship to this document is explained). For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments or corrigenda) applies.

IEEE Std 1609.3™, IEEE Standard for Wireless Access in Vehicular Environments (WAVE)—Networking Services.^{1,2}

3. Definitions, abbreviations, and acronyms

For the purposes of this document, the following terms and definitions apply. The *IEEE Standards Dictionary Online* should be consulted for terms not defined in this clause.³

3.1 Definitions

higher layer entity: An abstract entity, typically implemented in software, that resides above the WAVE protocols in the protocol stack, and may make use of WAVE communication services. (IEEE Std 1609.3)

higher layer service: An abstract entity, involving an exchange of data, generally provided by a higher layer entity on one WAVE device to a similar entity on another WAVE device, using WAVE communications. (IEEE Std 1609.3) *Syn:* **service.**

provider: Advertiser of a Wireless Access in Vehicular Environments (WAVE) service. (IEEE Std 1609.3) *See also:* **user, Wireless Access in Vehicular Environments (WAVE) Service Advertisement.**

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