

P1609.4-2016/Cor 1

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Type of Project: Corrigendum to IEEE Standard 1609.4-2016

PAR Request Date: 15-Oct-2018

PAR Approval Date: 05-Dec-2018

PAR Expiration Date: 31-Dec-2022

Status: PAR for a Corrigendum to an existing IEEE Standard

Root Project: 1609.4-2016

1.1 Project Number: P1609.4-2016/Cor 1

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Wireless Access in Vehicular Environments (WAVE) -- Multi-Channel Operation
- Corrigendum 1: Miscellaneous corrections

3.1 Working Group: Dedicated Short Range Communication Working Group (VT/ITS/1609_WG)

Contact Information for Working Group Chair

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3.2 Sponsoring Society and Committee: IEEE Vehicular Technology Society/Intelligent Transportation Systems (VT/ITS)

Contact Information for Sponsor Chair

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 01/2019

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 08/2019

5.1 Approximate number of people expected to be actively involved in the development of this project: 25

5.2.a. Scope of the complete standard: The scope of this standard is the specification of medium access control (MAC) sublayer functions and services that support multi-channel wireless connectivity between IEEE 802.11 Wireless Access in Vehicular Environments (WAVE) devices.

5.2.b. Scope of the Proposed changes: Correction of technical errors, updates to terminology commensurate with revisions to IEEE Std 1609.0 Guide for Wireless Access in Vehicular Environments (WAVE) Architecture.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose of this standard is to enable effective mechanisms that control the operation of upper layer data transfers across multiple channels, without requiring knowledge of physical layer (PHY) parameters, and describe the multi-channel operation channel routing and switching for different scenarios.

5.5 Need for the Project: To align this standard with material in IEEE Std 1609.0 Guide for Wireless Access in Vehicular Environments (WAVE) Architecture, correct technical errors, bring up to date with current USDOT activities and programs.

5.6 Stakeholders for the Standard: The stakeholders for the project are the U.S. Department of Transportation Joint Intelligent Transportation Systems Office, automobile manufacturers, State and local transportation officials, toll authorities and toll tag manufacturers, public safety officials, commercial vehicle manufacturers, and public transit officials.

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes: 5.2a: IEEE Std 802.11, IEEE Standard for Information Technology--Telecommunications and Information Exchange Between Systems--Local and Metropolitan Area Networks--Specific Requirements--Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

5.2b, 5.5: IEEE Std 1609.0, IEEE Guide for Wireless Access in Vehicular Environment (WAVE) - Architecture