IEEE P802.11
Wireless LANs

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| Draft Reply LS from 802.11 to ETSI TC ITS |
| Date: 2018-11-12 |
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Abstract

This document contains draft text for a liaison statement (LS) from IEEE 802.11 to ETSI TC ITS in response to their LS and the information they have provided in 11-18/1771r0.

R1 – several editoral changes.

status

To: ETSI TC ITS

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CC: IEEE 802 EC, Edgar Figueroa CEO, Wi-Fi Alliance efigueroa@wi-fi.org; ETSI ERM TG37, Chairman Mr. Hans Johansson (hans.johansson@kapsch.net) , ETSI Technical officer TC ITS, Mr. Andrea Lorelli (andrea.lorelli@etsi.org), Car 2 Car Communication Consortium (npa@anemonetechnology.com) IEEE 1609 WG (tkstds@mindspring.com), Thomas Kurihara Chair, IEEE 1609 tkstds@mindspring.com, Konstantinos Karachalios Secretary IEEE-SA Standards Board Secretary, IEEE-SA Board of Governors sasecretary@ieee.org,Paul Nikolich Chair, IEEE 802 LMSC p.nikolich@ieee.org

Subject: IEEE 802.11 Working Group Reply Liaison Statement to the ETSI TC ITS Reply to IEEE 802.11 WLAN Working Group Liaison Communication related to Next Generation V2X (NGV) Use Cases and Requirements

**Discussion:**

The IEEE 802.11 Working Group (WG) thanks ETSI TC ITS for sharing their views on the development of an 802.11 NGV amendment.

IEEE 802.11 WG will consider the concerns expressed by ETSI TC ITS that a new NGV amendment might discourage the current support and continued deployment of system based on the existing IEEE 802.11p amendment. It is not IEEE 802.11 WG’s intent to replace or supplant the existing amendment, but to enhance it by providing new capabilities and features that are compatible with the existing amendment. It is good to know that IEEE 802.11p currently meets all use case requirements for Day 1 and Day 2 deployments. It is the intent of IEEE 802.11 WG to develop an amendment:

1. That will be backward compatible and coexist with IEEE 802.11p in the 5.9 GHz band.
2. Which will be provide features which are compatible with IEEE 802.11p features and will provide mechanisms that will allow existing and future deployed IEEE 802.11p devices to continue to efficiently operate in the presence of NGV devices. *Note: that the IEEE 802.11 WG does not provide conformance specification for device, hence we cannot insure the behavior of NGV-conformant devices.*
3. That will insure all NGV transmissions will be detectable by IEEE 802.11p devices.
4. That an NGV capable device will indicate that it is NGV capable.
5. That will consider extending NGV to be capable of supporting the 60 GHz band.

IEEE 802.11 WG also thanks ETSI TC ITS for supporting the addition of: the latest PHY and MAC techniques and position capability in a NGV amendment, so that IEEE 802.11 NGV amendment can provide a seamless evolution path for IEEE-based V2X communications.

**Date of Next IEEE 802.11 WG Meetings:**

802 Interim: 13-18 January 2019, Hilton St Louis at the Ballpark, St. Louis, Illinois, USA

802 Plenary: 10-15 March 2019, Hyatt Regency Vancouver & Fairmont Hotel Vancouver, Vancouver, CA

Sincerely,

Dorothy Stanley

IEEE 802.11 Working Group Chair

References: