IEEE P802.11
Wireless LANs

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| Liaison from IEEE 1609 on MAC Interfaces  |
| Date: 2019-07-15 |
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Abstract

This document contains a liaison received from the IEEE 1609 Working Group on the topic of MAC interfaces outside the context of a BSS (OCB). The received liaison document is embedded below, and copied on the following pages.



 

SUBJECT: **IEEE 1609 WG Liaison Message to IEEE 802.11 Working Group on the MAC interface for communication outside the context of a BSS (OCB)**

DATE: July 14, 2019

FROM: IEEE Vehicular Technology/Intelligent Transportation System (VT/ITS) 1609 Working Group

TO: IEEE 802.11 Chairperson, Dorothy Stanley (dstanley@ieee.org)

COPY TO’ IEEE VTS President, Alexander Wyglinski (alexw@wpi.edu)

The IEEE 1609 Working Group (WG) appreciates the opportunity to have a dialogue with the IEEE 802.11 WG, and thanks the WG for scheduling joint teleconferences on May 7 and June 25 between IEEE 802.11 TGbd and the IEEE 1609 WG.

During the IEEE 1609 WG’s June 19 meeting, we discussed submission 11-19-0276/r4, “MAC Service Updates for NGV.” During the June 25 joint teleconference with IEEE 802.11 TGbd we also discussed submission 11-19-1031/r0, “The MAC Services Mismatch Between 802.11 and 1609.4.” We support the spirit of the proposal in these submissions. We agree that in order to perform certain functions, “NGV must provide a means by which higher layers can provide the necessary control information downward and receive the necessary status information upward” [11-19-0276/r4, slide 6]. We encourage IEEE 802.11 TGbd to consider extending the MAC Data SAP and MLME SAP as appropriate, for example through an optional request vector and status vector that are enabled when dot11OCBActivated = true.

We look forward to continued dialogue with IEEE 802.11 TGbd. As the task group’s work on the IEEE 802.11bd amendment progresses, we would appreciate receiving information[[1]](#footnote-1) about any changes proposed for the interfaces that higher layers will use to access functions within the IEEE 802.11 MAC and PHY, and information on new PHY features that may affect interoperability with legacy equipment.

We also invite the IEEE 802.11 WG to consider scheduling additional joint teleconferences as appropriate between IEEE 802.11 TGbd and IEEE 1609.

Best Regards,

Thomas M Kurihara

Chair, IEEE VT/ITS 1609 Working Group (t.kurihara@ieee.org)

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**References:**

1. Information would be appreciated either via a written liaison statement, or conveyed by the IEEE 802.11 WG’s designated liaison to the IEEE 1609 WG, or by other individuals who are active in IEEE 802.11 TGbd. [↑](#footnote-ref-1)