IEEE 802.11 Coexistence SC

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| Proposed LS to 3GPP RAN and RAN1 on continuing the discussion on a common preamble between NR-U and Wi-Fi in 5 GHz and 6 GHz |
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Abstract

*This document contains a proposal for consideration by the IEEE 802.11 Coexistence SC, for a Liaison Statement from IEEE 802.11 to 3GPP RAN and RAN1, requesting 3GPP to continue the discussion on a common preamble between NR-U and Wi-Fi in 5 GHz and 6 GHz (contingent on the allocation of this band for unlicensed RLAN operations)*

## Proposed liaison letter

TO:

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SUBJECT: IEEE 802.11 LS to 3GPP RAN and 3GPP RAN1 requesting 3GPP to continue discussion on considering a common preamble between NR-U and Wi-Fi in 5 GHz and 6 GHz (contingent on the allocation of this band for unlicensed RLAN operation)

DATE: 14 March 2019

Dear Chairs of 3GPP RAN and 3GPP RAN1,

Thank you once again for supporting the cooperation between IEEE 802.11 and 3GPP RAN,RAN1,RAN2,RAN4 in relation to coexistence between unlicensed 3GPP and 802.11 systems.

It has been brought to our notice that 3GPP RAN1 has been discussing the feasibility of a common preamble between NR-U and 802.11.

Given the potential for improved coexistence between NR-U and 802.11, IEEE 802 thanks 3GPP RAN and RAN1 for considering the feasibility of such a common preamble and requests discussion to continue on the same.

IEEE 802 looks forward to a continued, productive exchange with 3GPP RAN, RAN1, RAN2, and RAN4.

For your information, the next two IEEE 802 meetings are between 12‑17 May 2019 in Atlanta, USA and 14-19 July 2019 in Vienna, Austria.

Regards,

Dorothy Stanley,

IEEE 802.11 WG Chair, dstanley1389@gmail.com