IEEE P802.11
Wireless LANs

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| AANI Minutes June 22, 2021 |
| Date: 2021- 06 - 22 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
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Abstract

This document contains the minutes of the IEEE 802.11 AANI SC teleconference held on June 22, 2021.

Note: Highlighted text are action items.

Q- proceeds a question asked at the meeting

A- proceeds an answer given by the presenter or the Chair

C- proceeds a comment

Chair – proceeds a comment or statement by the Chair

# Tuesday June 22, 09:00 to 10:00 ET:

**Chair: Joseph Levy, Interdigital**

**Acting Secretary: Dorothy Stanley, HP Enterprise**

1. **The teleconference was called to order by the Chair at 9:02 ET**

Dorothy Stanley (HP Enterprise) volunteered to be acting secretary.

Agenda slide deck: 11-21/1000r0.

**2. The Chair reminded everyone to sign attendance and reminded attendees of the AANI Operating rules.**

See attendance list at the end of this document.

**3. Approval of the Agenda:**

* 1. Call for Secretary
	2. Administrative: Reminders, Rules, Guidelines, Resources, Participation [5 min]
	3. Status [5 min.]
	4. Contributions/Discussion:

Technical report on interworking

* + 1. [11-20/0013r13](https://mentor.ieee.org/802.11/dcn/20/11-20-0013-13-AANI-draft-technical-report-on-interworking-between-3gpp-5g-network-wlan.docx) “Draft technical report on interworking between 3GPP 5G network & WLAN”, Hyun Seo Oh (ETRI)
		2. [11-21/0859r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0859-01-AANI-proposal-to-change-draft-technical-report-11-20-0013r12-for-the-comments-11-21-0751r0.xlsx) “Proposal to change draft technical report (11-20/0013r12) for the comments(11-21/0751r0)”, Hyun Seo Oh (ETRI)

Reply LS to the WBA LS (if time allows):

* + 1. [11-21/0953r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0953-00-AANI-proposed-qos-response-to-wba.docx) “Proposed QoS response to WBA”, Thomas Derham (Broadcom) – for reflector discussion
		2. [11-21/0865r1](https://mentor.ieee.org/802.11/dcn/21/11-21-0865-01-AANI-draft-reply-ls-from-802-11-to-wba-regarding-the-wba-5g-wi-fi-ran-convergence-paper.docx) “Draft Reply LS from 802.11 to WBA regarding the WBA 5G & Wi-Fi RAN Convergence Paper”, Joseph Levy (InterDigital)
	1. Future Session Planning

The Chair reviewed the agenda. The proposed agenda was adopted without objection.

**4. Guidelines, Resources, Policies and Participation were presented by the chair.**

Slides 5 – 9 of the agenda document were presented, including the Copyright policy slides (slides 7 and 8)

1. **Review of AANI Status/Activity**

Chair addressed slides 10, 11, 12 and 13 of the agenda document.

Chair - Any questions on current status? - None

1. **Contributions**

**Presentation by Hyun Seo Oh (ETRI):** [**11-20/0013r13**](https://mentor.ieee.org/802.11/dcn/20/11-20-0013-13-AANI-draft-technical-report-on-interworking-between-3gpp-5g-network-wlan.docx) **“Draft technical report on interworking between 3GPP 5G network & WLAN”.**

Background: at the prior 2021-06-06 teleconference meeting, the author had agreed to integrate new material into the document.

Author presented the document in detail, describing the changes that were made in the most recent version (r13).

Q: Chair: Do the acronyms still need to be updated?

A: Yes, to confirm that 3GPP related acronyms are correct.

Chair: Thank you.

Chair: Are there any questions from participants? No questions.

**Presentation by Joseph Levy (Interdigital)** [**11-21/0865r1**](https://mentor.ieee.org/802.11/dcn/21/11-21-0865-01-AANI-draft-reply-ls-from-802-11-to-wba-regarding-the-wba-5g-wi-fi-ran-convergence-paper.docx) **“Draft Reply LS from 802.11 to WBA regarding the WBA 5G & Wi-Fi RAN Convergence Paper”**

Chair reviewed the document.

Chair: Additional work is needed on the document, including contributions of text for feature descriptions. **Contributions and volunteers are requested, please coordinate with the Chair.**

Chair to WG Chair: Is the document on the right track?

WG Chair: Yes. Content is contribution based, extensive detail is not necessarily required. Glad to see the reference to 802.11ax simulations/analysis re; meeting Indoor Hotspot and Dense Urban use cases.

Q: What is the timeframe for completing the document and asking for WG approval to send to WBA?

Chair: Current target is the July 2021 session.

1. **Next meetings**

The next AANI SC teleconference is: Tuesday July 6 @ 9:00-10:00 h ET (13:00-14:00 h UTC)

**802.11 WG July Plenary Teleconferences:** *AANI SC - four meeting slot planned - TBC*

* + Tuesday 13 July 2021 11:15-13:15 h ET
	+ Wednesday 14 July 2021 19:00-21:00 h ET
	+ Thursday 15 July 2021 11:15-13:15 h ET
	+ Monday 19 July May 2021 19:00-21:00 h ET

Chair: Review of upcoming documents, noting [11-21/0953r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0953-00-AANI-proposed-qos-response-to-wba.docx) “Proposed QoS response to WBA”, Thomas Derham (Broadcom).

**Discussion:**

C: How true is it that the gaps identified by WBA impact convergence. Do we intend to fill these gaps? Or respond that we do already have hooks in the spec to address these.

Chair: Have not made the determination. There are implementations that address all of the issues. Networks use 802.11 networks for offload. Often vendor extensions.

C: 3GPP specs defines operation at all layers above MAC/PHY. 802.11 spec focuses on MAC/PHY, and uses IETF protocols and other extensions to provide similar capabilities.

C: Have the toolset, there are implementations that provide the required functionality.

C: Does 11ax exclude HCCA?

Chair: HCCA is not widely implemented, and 11ax introduces new mechanisms.

C: The document should identify and describe the new mechanisms.

**Meeting adjoined at 10:00 h ET**

**Attendance:**

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| **Name** | **Affiliation** |
| Cho, Hanbyeog | Electronics and Telecommunications Research Institute (ETRI) |
| Coffey, John | Realtek Semiconductor Corp. |
| Fang, Yonggang | MediaTek Inc. |
| Grigat, Michael | Deutsche Telekom AG |
| Kain, Carl | USDOT; Noblis, Inc. |
| Lee, Hyeong Ho | Netvision Telecom Inc. |
| Levy, Joseph | InterDigital, Inc. |
| Oh, Hyun Seo | Electronics and Telecommunications Research Institute (ETRI) |
| Petrick, Al\* | InterDigital |
| Rosdahl, Jon | Qualcomm Technologies, Inc. |
| Smith, Graham | SR Technologies |
| Stanley, Dorothy | Hewlett Packard Enterprise |

\*On WebEx, but did not register attendance in IMAT.