IEEE P802.11  
Wireless LANs

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| ARC SC 12 and 26 June 2023 Teleconference Minutes | | | | |
| Date: 2023-06-12 | | | | |
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Abstract

This document contains the minutes of the IEEE 802.11 ARC SC teleconference held on 12 June 2023 at 13:00-15:00 h ET.

Note: Highlighted Yellow text are action items. A- precedes comments from the document’s author, C- precedes comments, R- precedes responses to comments.

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# Monday 12 June 2023 at 13:00-15:00 h ET

## Administration:

**Chair: Mark Hamilton, Ruckus/CommScope**

**Vice Chair: Joseph Levy, InterDigital**

**Secretary: Joseph Levy, InterDigital**

**Meeting called to order by the Chair 13:05 ET**

Agenda slide deck: [11-23/1002r0](https://mentor.ieee.org/802.11/dcn/23/11-23-1002-00-0arc)

**Agenda Slides 4-14:**

**Registration Reminder**

**Reminders to Attendees**

**Call for Patents:**

The Chair reviewed the Patent policy and called for potentially essential patents – there was no response to the call.

**IEEE SA Copyright Policy:**

The chair reviewed the Copyright policy.

**Participation:**

The chair reviewed the participation policy.

**Approval of the Agenda (Slides 15)**

* Attendance, noises/recording, meeting protocol reminders
* Policies, duty to inform, participation rules
* June/July plan reminder:
  + Teleconferences on June 12 (today) and June 26, to discuss how to define “IEEE 802 Network” for REV802
  + Annex G discussion to resume at July plenary
* Any update on IEEE 802 Revision?
* Definition of “IEEE 802 Network”

The Chair reviewed the agenda and called for comments and additions.

## June/July plan reminder

The Chair reviewed the current working plan as outlined in the agenda.

* Teleconferences on June 12 (today) and June 26, to discuss how to define “IEEE 802 Network” for REV802
* Annex G discussion to resume at July plenary

No questions or comments.

## Any update on IEEE 802 Revision?

No update – there have been no meetings – then next meeting is 20 June 2023, for meeting details see: [https://1.ieee802.org/p802-revc-comment-resolution-agenda-june-20-2023-11-am-et/](https://protect-us.mimecast.com/s/MHd5CpYW6whnmvxzCBSM7X?domain=1.ieee802.org).

## Definition of “IEEE 802 Network”

(*See slide 17, 18, 19, and 20 of the agenda deck, for the Chair’s summary of the “issues”*)

The Chair reviewed the “issues” with the “IEEE 802 Network” wording/use.

C – Are the terms LAN, MAN, be a better way to describe this?

Chair – I don’t know if we have technical terms for all of these.

C – The issue is really how these networks “connect”.

C – Should non-peer to peer also be included?

Chair – We need to be very careful – how the term bridge is used in STD 802.11 is critical, a bridge needs to be well defined. In STD 802.11 there are little b bridges and a big b Bridges, these are different – a bridge connects access domains, and a Bridge is an 802.1Q device that connects access domains.

C – Is it two parallel definitions?

C – On access domains – how do these relate to 802.11’s BSS and ESS concepts – An access domain is currently defined in .11 as BSS. How does this relate to MLD. And such.

C – The essential nature of 802 networks is the endpoint identifier and how the “address” is used to forward the packet to the desired endpoint.

C – An access network may be front haul or back haul – back haul may connect other networks.

Max Riegel – agreed to propose definition for an IEEE 802 network and start an ARC SC reflector discussion. Suggesting that interested parties build on proposed definition.

Actions pending:

1. Check the definition of: “Portal”, “bridge”, and “Bridge” in both IEEE Std 802 REVc D1.0 and IEEE Std 802.11 and any other related 802.1 standard, to verify if the definitions are consistent and compatible with how 802.11 uses the term “Portal” and the 802.11 architecture network interface.
2. Max Riegel to kick off an ARC SC reflector discussion on the definition of IEEE 802 network.

## Adjourned: 14:02 h ET

Final Agenda: [11-23/1002r1](https://mentor.ieee.org/802.11/dcn/23/11-23-1002-01-0arc-arc-sc-agenda-june-12-2023.pptx)

## Attendance 12 June 2023:

From IMAT:

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| **Name** | **Affiliation** |
| Fang, Yonggang | MediaTek Inc. |
| Hamilton, Mark | Ruckus/CommScope |
| Levy, Joseph | InterDigital, Inc. |
| Riegel, Maximilian | Nokia |
| Rosdahl, Jon | Qualcomm Technologies, Inc. |
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