IEEE P802.11  
Wireless LANs

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| ARC SC Mixed Mode Minutes July 2024 – Plenary | | | | |
| Date: 2024-07-30 | | | | |
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Abstract

This document contains the minutes of the IEEE 802.11 ARC SC mixed mode meeting held on 16 July 2024 8:00-10:00 h EDT.

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

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# Tuesday 16 July at 8:00-10:00 EDT

## Administration:

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

**Vice Chair: Joseph Levy, InterDigital**

**Secretary: Joseph Levy, InterDigital**

**Meeting called to order by the Chair at 8:00 EDT**

Agenda slide deck: [11-24/0988r1](https://mentor.ieee.org/802.11/dcn/24/11-24-0988-01-0arc-arc-sc-agenda-july-2024.pptx)

Agenda Slides 4-15:

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 16)

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

Approved by unanimous consent.

## Other ARC Work (slide 17)

The chair reviewed slide 17

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## Approval meeting minutes (slide 18)

Motion to approve the minutes of:

**May interim:** [11-24/0759r0](https://mentor.ieee.org/802.11/dcn/24/11-24-0759-00-0arc-arc-sc-mixed-mode-minutes-may-2024-interim.docx)

Discussion none.

Result: UC

## IEEE Std 802 project (slide 21)

The Joseph Levy provided an oral report on the status of REVc – ballot didn’t close prior to the REVc meeting due to lack of participation. The current plan was to proceed with comment resolution for the comments received and hopefully get enough people to vote so that the ballot will close.

Discussion on bit ordering [1-24/0034r0](https://mentor.ieee.org/802.1/dcn/24/1-24-0034-00-Mntg-proposal-to-revise-bit-ordering-material-in-p802revc-d2-0.docx) - Roger Marks

C – Regarding the history of Ethernet/Token ring – Getting the first bit on the wire to be the broadcast bit was the motivation – this caused the need of the encoder/decoder ring for Token ring and Ethernet.

Some discussion on bit ordering at the MSAP – reference to 802.1ac –

There was some support for just deleting 8.6 – as this information doesn’t need to be kept.

The primitives at the MAC SAP are provided in 802.1AC

C - 8.6 should be deleted as all of this MAC SAP information is provided in .1AC and is only required by reference.

There was agreement that the best way forward was to delete 8.6

Discussed definitions and abbreviations for MSDU and LPDU – There was agreement definitions and abbreviation should be added or LPDU should be removed from the spec.

C - It is useful to talk about these concepts in both directions – so LPDU is useful.

There was agreement to support adding the definitions.

Chair asking for other topics to be raised.

A discussion on 5.2.3 MAC sublayer was started:

The principal functions of the MAC sublayer and other functions of the sublayer are provided.

A suggestion was made that MAC addressing should also be included in this clause, and that the delivery of frames to the LLC layer should also be described. At an end station – only appropriate frames are transmitted.

C - Is this MAC filtering?

## Next Steps (slide 25)

Chari reviewed - Slide 22 – P802REVc - Other ARC work

Action item for ALL ARC SC participates: The Chair requests that participants review the “other ARC work” areas and discuss offline on the reflector and be ready for discussion at the September meeting.

**Contributions requested/expected:**

Annex G

Anything on 802REV before September?

QoS topic

**September session planning**

1 or 2 slots? 2 slots, will cancel second if not necessary

Topics? Annex G, 802REVc, WBA QoS liaison follow-up

**Next Teleconference(s):**

teleconference plan… Any/How many telecons?

Conflicts to avoid: TGbe, REVme, TGbh, 802REVc

Continue with Monday 1PM ET (2 hours) or 2PM ET (1 hour)?

Dates to avoid??

July to September plan, will be coordinated with other TG chairs, and announced later as required

Discussed adjourning and canceling the Thursday 18 July 2024 ARC SC slot.

No objection to adjourning.

## Adjourned: 10:03 EDT

Final Agenda: [11-24/0988r2](https://mentor.ieee.org/802.11/dcn/24/11-24-0988-02-0arc-arc-sc-agenda-july-2024.pptx)

Closing Report: [11-24/1330r0](https://mentor.ieee.org/802.11/dcn/24/11-24-1330-00-0arc-arc-closing-report-july-2024.pptx)