IEEE P802.11  
Wireless LANs

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| ARC SC teleconferences minutes 24 Feb 2022 | | | | |
| Date: 2021-02-24 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Joseph LEVY | InterDigital Communication, Inc. | 111 W 33rd Street New York, NY 10120 | +1.631.622.4139 | [jslevy@ieee.org](mailto:jslevy@ieee.org) |
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Abstract

This document contains the minutes of the IEEE 802.11 ARC SC teleconference held on 24 December 2022 at 19:00-21:00 h ET.

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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# Thursday 24 February 2022, 19:00-21:00 h ET

## Administration:

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

**Vice Chair: Joseph Levy, InterDigital**

**Secretary: Joseph Levy, InterDigital**

**Meeting called to order by the Chair 19:03 ET**

Agenda slide deck: [11-22/0367r0](https://mentor.ieee.org/802.11/dcn/22/11-22-0367-00-0arc-arc-sc-agenda-feb-24-2022.pptx)

**Agenda Slides 4-14:**

**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:**

* **Attendance, noises/recording, meeting protocol reminders**
* **Policies, duty to inform, participation rules**
* **Clause 6 discussion:** [**11-21/1822r2**](https://mentor.ieee.org/802.11/dcn/21/11-21-1822-02-0arc-clause-6-discussion.docx)
* **Updates on Std 802 project**
  + Nendica calls are discussing and drafting PAR/CSD(s), Thursdays 9am ET
  + ‘Preview’ 802 Technical Plenary update from Nendica
  + Interest/discussion on architecture including VLANs (and other tags)

The Chair reviewed the agenda and called for comments or amendments to the agenda.

## Clause 6 discussion: [11-21/1822r2](https://mentor.ieee.org/802.11/dcn/21/11-21-1822-02-0arc-clause-6-discussion.docx)

**Graham Smith – presented**

First cut of a working proposal (page 6)

C – This will take a while to digest. It is easier than the current Clause 6.

C – This is a good approach, support this way forward.

C – Support this, a few paragraphs to describe this approach should be provided. Also, there are some parameters that don’t match – e.g., the MAC address where you are sending the frame. But we can deal with this. I looked at the fine timing measurement, I think the one in clause 6 has more detail, I think we should get it out of clause 6.

6.3.13 – it is trying to do a generic construction; we might be able to use this section or section style and move it up to clause 6.3.

C – These changes may have a massive impact – if we do other things like moving figures. So, lets first clean up clause 6. Containing the scope of the comment.

C – The X-210 model should be followed   
Reference: ITU-T Recommendation X.210: Data Networks and Open Systems Communications, Open Systems Interconnection – General (<https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.210-199311-I!!PDF-E&type=items>)

C – Were there any email responses on this topic to the email that was sent.

Chair – Let’s start with the basic fix and then look at what is left.

A – We don’t have a diagram – we shouldn’t need a diagram for TDLS – I’ll continue to work this.

Chair – Prefer a list of what the primitives are, for the general form. Care should be taken to define the generic primitives. The others should not be removed.

## Updates on Std 802 project

– Presented by Roger Marks (EthAirNet)

<https://1.ieee802.org/nendica-ella/>

802 Technical Plenary information is here: <https://ieee802.org/802tele_calendar.html>

Roger reviewed the maintenance PAR.

Roger reviewed the scope and direction of the amendment PAR.

Architecture holes – Looking to fill them – VLAN maybe one of these holes.

VLAN – [1.22.0003-1](https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2022&is_dcn=0003) – presented by Roger Marks

C – Why is the VLAN tags special.

A – There are lots of tags in 802.1, they are at the MAC layer – the relay in the bridge (layer 2 – at the bridge MAC layer). VLAN Tags are at the LLC layer. The LSAP were to be identified by protocol – but VLAN is not a protocol but an identifier.

ISS vs. EISS (EISS uses VLAN tags). Slide 14

A - Slide 16 that is the way I think about it. But on 17 what is VLAN aware. Does 1Q claim to know what VLAN aware is.

Slide 22 is the author’s position on VLANs. Discussion will continue in ELLE

C – The figure on slide16 seems work.

## Next Steps:

Upcoming Teleconferences:

* **Mar plenary session (2 meetings, Monday, and Wednesday)**

## Adjourned: 21:02 h ET

**Attendance:**

| **Name** | **Affiliation** |
| --- | --- |
| Dong, Xiandong | Xiaomi Inc. |
| Fang, Yonggang\* | MediaTek |
| Hamilton, Mark | Ruckus/CommScope |
| Levesque, Chris | qorvo |
| Levy, Joseph | InterDigital, Inc. |
| Marks, Roger | EthAirNet Associates |
| Rolfe, Benjamin | Blind Creek Associates |
| Smith, Graham | SR Technologies |
| Sun, Bo | ZTE Corporation |
| Taori, Rakesh | Infineon Technologies |
| Torab Jahromi, Payam | Facebook |
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\* Added based on Webex participants list.