IEEE P802.11
Wireless LANs

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| ARC SC and joint meetings Minutes March 2016 |
| Date: 2016-03-23 |
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Abstract

Minutes of the IEEE 802.11 ARC Standing Committee teleconference held on 30 March 2016, at 12:00 noon EDT.

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# Wednesday, March 30th, 12:00 noon (EDT)

**Administration:**

**Chair: Mark Hamilton, Ruckus**

**Vice Chair/Secretary Joseph Levy, InterDigital**

**Meeting call to order by Chair 12:03, 30 March 2016**

**Proposed Agenda was sent by e-mail via the ARC reflector** **STDS-802-11-ARC@ieee.org****, copied here for reference:**

Draft agenda:

1. Call to order, patent policy, attendance
2. Review presentation on architectural descriptions – Dick Roy (SRA): [11-16-0457-00-0arc-802-11ak-802-1ac-stas-aps-dses-and-convergence-functions.pptx](https://mentor.ieee.org/802.11/dcn/16/11-16-0457-00-0arc-802-11ak-802-1ac-stas-aps-dses-and-convergence-functions.pptx)
3. AOB
4. Adjourn

Note that teleconferences are subject to IEEE policies and procedures, see:

–        [IEEE Patent Policy](http://standards.ieee.org/board/pat/pat-slideset.ppt)

–        [Patent FAQ](http://standards.ieee.org/board/pat/faq.pdf)

–        [Letter of Assurance Form](http://standards.ieee.org/board/pat/loa.pdf)

–        [Affiliation FAQ](http://standards.ieee.org/faqs/affiliationFAQ.html)

–        [Anti-Trust FAQ](http://standards.ieee.org/resources/antitrust-guidelines.pdf)

–        [Ethics](http://www.ieee.org/portal/cms_docs/about/CoE_poster.pdf)

–        [802 LMSC P&P](http://standards.ieee.org/board/aud/LMSC.pdf)

–        [802LMSC OM](http://grouper.ieee.org/groups/802/PNP/approved/IEEE_802_OM_v16.pdf)

–        [802 WG P&P](http://grouper.ieee.org/groups/802/PNP/approved/IEEE_802_WG_PandP_v15.pdf)

–        [IEEE802.11 WG OM](https://mentor.ieee.org/802.11/dcn/14/11-14-0629-10-0000-802-11-operations-manual.docx)

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**Administration:**

The Chair reminded participants that we are operating under 802.11 policies and procedures as outlined above.

**Call for Patents:**

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

**Attendance:**

The following were in attendance:

Mark Hamilton, Ruckus, ARC Chair

Joseph Levy, InterDigital, ARC Vice Chair

Dick Roy, SRA

Donald Eastlake, Huawei

Norman Finn, Cisco

Philippe Klein, Broadcom

**Approval of the Agenda:**

The proposed Agenda was agreed, with an update that presentation was now the r1 version: [11-16/0457r1](https://mentor.ieee.org/802.11/dcn/16/11-16-0457-01-0arc-802-11ak-802-1ac-stas-aps-dses-and-convergence-functions.pptx)

**Review presentation on architectural descriptions**

Dick Roy, SRA, presented: [11-16/0457r01](https://mentor.ieee.org/802.11/dcn/16/11-16-0457-01-0arc-802-11ak-802-1ac-stas-aps-dses-and-convergence-functions.pptx)

The following is an abbreviated summary of the discussion:

A brief history and review was made of slides 1-22

The presentation began in earnest on slides 23/34 –

Comment: on statement 1 on slide 23 this is a new and different definition of an AP, and in the commenters view a fundamental change.

Response: hopefully everyone will ultimately view this as just a minor change.

Comment: on statement 2 on slide 23 the DS is not necessarily a layer 2 entity.

Response: from the viewpoint of the AP and its peer STA that are using the DS, it is a layer 2 entity, even though there may be higher layer entities present in the communication path.

Slide 25-29 – pulling definitions and views from The Switch Book (TSB) and adding some additional definitions.

Slides 30 – The Baggy Pants diagram

Comment: while we could build an AP this way, .11 was very careful not to require it to be done this way

Response: but, doing it this way simplifies things.

Slides 31, 32 – some additional definitions from 802.11 REVmc5.2

Slide 33 – it was noted that there are possible different MACs and PHYs

Slide 34 – presentation started but time did not allow it to complete

The Chair took back control of the meeting and discussed an additional teleconference.

**Future sessions / SC activities**

Scheduled teleconferences:

It was agreed to schedule an additional teleconferences to continue the discussion, the date and time will be agreed via e-mail.

The Chair summarized the meeting: This is a new way of looking at the architecture, please review and we will discuss this at the next teleconference and probably future meetings.

In response to the Chairs summary support of this new view was provided by one of the participants.

**The Chair adjourned the meeting at 13:02 EDT**