IEEE P802.11
Wireless LANs

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| Wireless Next Generation (WNG) Standing CommitteeMeeting Minutes for January 2016 MeetingAtlanta, GA, USA |
| Date: 24-January-2016 |
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Abstract

Minutes for the WNG SC meeting held in Atlanta, GA, USA - January, 2016.

**Tuesday, January 19, 2016, 8:00 AM to 10:00 AM**

Chair: Jim Lansford (Qualcomm)

Vice Chair: Lei Wang (Marvell)

**Meeting Agenda:**

The meeting agenda is shown below, and also published in the agenda document: 11-15-1518-01-0wng-agenda-for-wng-2016-01

 <https://mentor.ieee.org/802.11/dcn/15/11-15-1518-01-0wng-agenda-for-wng-2016-01.ppt>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Approval of Previous meeting minutes

<https://mentor.ieee.org/802.11/dcn/15/11-15-1417-00-0wng-2015-november-wng-meeting-minutes.doc>

* Announcements
* Presentations
* Plans for March 2016
* Adjournment

**Meeting Minutes:**

* Meeting called to order at 08:03AM (local Atlanta time) on Tuesday, January 19th, 2016 by Jim Lansford (chair).
* Agenda approval:
* The agenda was approved by unanimous consent
* The chair also noted the affiliation FAQ, anti-trust FAQ, ethics code, IEEE 802.11 policies and procedures, and IEEE 802 policies and procedures
* The chair covered the voting rules for WNG SC, being a standing committee
* Approximately 108 people were in attendance.
* Approval of previous meeting minutes
* The minutes from Dallas, November 2015 meeting had been available for review since November 17, 2015.

<https://mentor.ieee.org/802.11/dcn/15/11-15-1417-00-0wng-2015-november-wng-meeting-minutes.doc>

* + The chair asked for comments: no comments
	+ The chair requested approval by unanimous consent
	+ There was no objection from the standing committee, so the minutes are approved
* Presentations:
1. 11-16-0127-00-0wng-itu-r-imt-2020-status, Joe Levy (Interdigital)
* Q: what’s the difference between RAN and RAT
* A: RAT=MAC +PHY; RAN including network
* Q: how about we provide some network management?
* Comment: 802.16’s application was not so strict; ITU-R is about spectrum allocation; how IMT-2020 will allocate spectrum, and how ITM-2020 to get more spectrum for Wi-Fi.
* Comment: spectrum allocation should be dealt in Regulatory group. How ITU-R will allocation specture is not clear; will take inputs from other groups.
* Comment: the key work is the 4th bullet on slide 15; the group as whole should discuss the benefit, before making discussion of participation in IMT-2020.
* Comment: the benefits are about the use cases
* Comment: ITU-R is specifically focus on PHY, higher layers got submitted, as 3GPP has the network specification; Spectrum is another important issue, ITU-R does not talking about licensed or non-licensed; WRC does the recommendation.
* Comment: we should answer the question from 802 point view.
* Comment: ITU has 3 part, one part is dealing with home networking; IMT is trying to catch up with Data Comm.
* Comment: Some technical issues are discussed in ITU-T; the networking features of 802 are in 802.1 and OminRAN group,
* Q:    we still need to clarify lots of things; should we go, what we want, how to participate, what’s your view?
* A: there are several ways, e.g., we can leave this to 802, working with other 802 group; or we can open up the interface, allowing other groups, e.g., 3GPP, to integrate our RAT into their network; Andrew’s presentation will provide a summary of groups working IMT-2020. I think it is important for this group to be represented. Typically, you need to get involved in the process, even before you know what you want to say.
* Chair: two things, why do we need to engange with ITU-R? What do we want to achieve?
1. 11-16-0004-00-0000-next-steps-for-imt-2020, Andrew Myles (Cisco Systems)

<https://mentor.ieee.org/802.11/dcn/16/11-16-0004-00-0000-next-steps-for-imt-2020.pptx>

* Comment: the first tire membership of ITU is countries/government; we need to work with government body.
* Comment: most importantly, spectrum allocation work will be in WP 5D; spectrum is interested by lots of groups, e.g., WP 51.
* Comment: we do think we need find some way for this community to get involved. Suggest having some SPs.
* Joseph Levy: presented the suggested SP text in contribution “11-16-0128-00-0wng-imt-2020-way-forward-and-straw-polls”

<https://mentor.ieee.org/802.11/dcn/16/11-16-0128-01-0wng-imt-2020-way-forward-and-straw-polls.pptx>

* + SP#1: Do you see benefit in 802.11 being an IMT-2020 technology?
	+ SP#2: Do you have an interest is participating in contributing to an 802.11 IMT-2020 proposal effort?
	+ SP#3: Do you believe that your sponsor would support you participating in an 802.11 IMT-2020 proposal effort?
* SP Discussion:
	+ Q: regarding contributing to IMT; what lessons have we learnt from IEEE IMT-advanced submission process?
	+ A: very complicated process; lots of documentations, require a long term focus, requires lots of studies/simulations
	+ Q: 2nd SP, why not ask “participate in”, not just your interests?
	+ Comment: multiple levels of participations, e.g., participating in meetings, and urge people to lobby their sponsors.
* Straw Poll results:
	+ SP#1: 55 yes / 6 No / 27 need more info
	+ SP#2: 37 yes / 24 No / 25 need more info
	+ SP#3: 12 yes / 29 No / 34 need more info
* Follow-up discussions:
	+ Q: how about the question about establishing 802 SC for this matter?
	+ Paul N.: suggest Andrew and Joe to bring the contributions to EC.
	+ Q: how about we first send out a liaison letter to ITU-R, saying we are interested in?
	+ Paul N.: seems a right thing to do.
	+ Comment: It would be valuable for getting feedback from other groups, OminRAN, dot3, etc.
	+ Comment: OmniRAN is preparing to contribute.
	+ Comment: involving intensive simulations with satellite, each government does their own with their own simulators.
	+ Comment: in ARC, there will be more discussions.
* Plans for March meeting:
	+ March call for contributions: the WNG chair will issue a call for contributions before the 2016-March meeting.
* Adjournment
	+ The meeting adjourned, without objection, at 9:38am EST.