IEEE P802.11
Wireless LANs

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| Wireless Next Generation (WNG) Standing CommitteeMeeting Minutes for January-2017 MeetingAtlanta, GA, USA |
| Date: 01-17-2017 |
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Abstract

Meeing Minutes for the WNG SC meeting held in Atlanta, GA, USA, in January, 2017.

**Tuesday, January 17, 2017, 8:00 AM to 10:00 AM EST**

Chair: Jim Lansford (Qualcomm)

Vice Chair: Lei Wang (Huawei)

**Meeting Agenda:**

The meeting agenda is shown below, and also published in the agenda document:

<https://mentor.ieee.org/802.11/dcn/16/11-16-1588-01-0wng-agenda-for-wng-2017-01.ppt>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Approval of Previous meeting minutes
* Minutes from San Antonio

<https://mentor.ieee.org/802.11/dcn/16/11-16-1515-00-0wng-wng-meeting-minutes-of-2016-november-san-antonio.docx>

* Announcements
* Presentations
* Plans for March 2017
* Adjournment

**Meeting Minutes:**

* Meeting called to order at 08:01am EST on Tuesday, January 17, 2017, by Chair, Jim Lansford.
* Agenda approval:
* <https://mentor.ieee.org/802.11/dcn/16/11-16-1588-01-0wng-agenda-for-wng-2017-01.ppt>
* 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 85 people were in attendance.
* Approval of previous meeting minutes
* The minutes of 2016-November San Antonio meeting:

<https://mentor.ieee.org/802.11/dcn/16/11-16-1515-00-0wng-wng-meeting-minutes-of-2016-november-san-antonio.docx>

* + The minutes were approved by unanimous consent.
* Presentation: “Issue of 802.11 WLAN on Congested Primary Channel,” Kazuto Yano, Advanced Telecommunications Research Institute International (ATR)

<https://mentor.ieee.org/802.11/dcn/17/11-17-0129-01-0wng-issue-of-congested-primary-channel-in-802-11-wlan.pptx>

* Comment: you are trying to take frequency + time division approach. Based on the experience from managing a couple of small networks, I don’t think this is a great solution in a long term, as it increases congestion on the band.
* Response: need to consider to make use of the channel - there were may be no access on the channel.
* Comment: assume this is for unmanaged system; 11aa started with this problem, and it goes a long way toward selecting your channel correctly; the selection is not done by traffic. If the channel is not free, the APs may have peak traffic, then need to look into which AP to connect between two APs. Intelleegenit selection the channel is the essential.
* Responsne: 11aa about changing primary channel, choose primary channel; this presentation is about needing some way to obtain a secondary access channel, not only primary channel.
* Q: slide 6, need to use the vacant channel, could you provide more info about your solution, e.g., using OFDMA mechanisms?
* A: OFDMA is 11ax, could be a choice; another choice could be no primary channel, for example.
* Q: do CCA on the other channel access channel?
* A: yes
* Q: are you assuming there is some mechanism to control or select primary channel and do channel management?
* A: multiple way for channel management; we need to increase channel usage; need to develop a procedure of channel management to enable access to vacant channels
* Comment: reference slide, wonder 2nd reference is relevant. Please do a double-check.
* R: will check
* Q: Like frequency hopping, this is a bi-directional system that needs to be synchronized on both ends of the link, how do I decide which channel to use?
* A: the channel info should be known before the cheannel access.
* Strawpoll:
	+ Discussion:
		- Comment: since 11aa already have some way, suggest adding “a new” the strawpoll text
		- The changed strawpoll text is as follows:

*Do you think that IEEE 802.11 wireless LAN should have a new way to overcome the situation that the primary channel is heavily congested?*

* + Voting: 3 yes / 5 no / 54 abstain
	+ The updated presentation file with the revised strawpoll text can be found at <https://mentor.ieee.org/802.11/dcn/17/11-17-0129-02-0wng-issue-of-congested-primary-channel-in-802-11-wlan.pptx>
* Plans for 2017-March meeting:
	+ Call for contributions: the WNG chair will issue a call for contributions before the 2017-March meeting.
	+ Chair encourages people to contribute to WNG.
* Adjournment
	+ The meeting adjourned, without objection, at 8:36am EST.