IEEE P802.11
Wireless LANs

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| Wireless Next Generation (WNG) Standing CommitteeMeeting Minutes for January-2018 MeetingIrvine, CA, USA |
| Date: 01-16-2017 |
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Abstract

Meeting Minutes for the WNG SC meeting held in Irvine, CA, USA, in January, 2017.

**Tuesday, January 16th, 2018, 8:00 AM to 10:00 AM Irvine Time**

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/17/11-17-1864-01-0wng-agenda-for-wng-2018-january.ppt>

* Call Meeting to Order
* Agenda approval
* Attendance reminder
* Documentation reminder
* Approval of Previous meeting minutes
	+ Minutes from November
		- <https://mentor.ieee.org/802.11/dcn/17/11-17-1762-00-0wng-wng-meeting-minutes-of-2017-november-orlando-meeting.docx>
* Announcements
* Presentations
* Plans for March 2018
* Adjournment

**Meeting Minutes:**

* Meeting called to order at 8:02am Irvine time on Tuesday, January 16, 2017, by Chair, Jim Lansford.
* Agenda approval:

<https://mentor.ieee.org/802.11/dcn/17/11-17-1864-01-0wng-agenda-for-wng-2018-january.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
* Approval of previous meeting minutes
* The minutes of 2017-November Orlando meeting:

<https://mentor.ieee.org/802.11/dcn/17/11-17-1762-00-0wng-wng-meeting-minutes-of-2017-november-orlando-meeting.docx>

* + The minutes were approved by unanimous consent.
* Approximately 115 people attended the WNG session.
* Presentation #1: “Broadcast Service on WLAN” - Hitoshi Morioka (SRC Software)

<https://mentor.ieee.org/802.11/dcn/17/11-17-1736-03-0wng-broadcast-service-on-wlan.pptx>

* + Summary of Discussion:
		- Discussed the timeline of the proposed action, i.e., form a SG, now or later.
		- Discussed on the IPv6 multicast addresses vs. different protocol types; and enhancements on 802.11 broadcasting may applies to some IETF use cases
	+ Straw Poll #1: Do you support to form study group for “broadcast service on WLAN”?
		- Yes: 31
		- No: 3
		- Don’t care: 13
		- Need more info: 23
* Presentation #2: “Introducing multiple primary channels to exploit unused resources scattered in multiple channels/bands” - Kazuto Yano (Advanced Telecommunications Research Institute International)

<https://mentor.ieee.org/802.11/dcn/17/11-17-1699-06-0wng-introducing-multiple-primary-channels-to-exploit-unused-resources-scattered-in-multiple-channels-bands.pptx>

* + No comments or questions.
	+ Straw Poll: Do you think that introducing multiple primary channels is an effective way to enhance achievable QoS?
		- Yes: 14
		- No: 10
		- Need more info: 43
* Presentation #3: “Wi-Fi Full Duplex” - James Gilb (Gilb Consulting)

<https://mentor.ieee.org/802.11/dcn/18/11-18-0191-00-0wng-full-duplex-for-802-11.pptx>

* + Summary of Discussion
		- Commented on the contribution format; and the presenter agreed to change it based on 802.11 contribution format;
		- Multiple people commented that this is an interesting topic, and also asked for architecture info and comparison study results, e.g., comparison with 11ax, comparison with 4x4 MIMO, comparison with Cable modem, etc.;
		- A suggestion was provided to look into the previous 802.11 contributions related to this topic, e.g., the contributions about STR (Simultaneous Transmission / Receiving);
		- Questioned the use cases with lots of DL and UL traffic at the same time; hard to claim double the throughput; plus some other issues, collision detection in particular; much fast detection of collision; MAC complexity; dynamic ranges, etc.;
		- Commented on the Straw Poll to form a Study Group (SG): for new projects after 11ax, suggested to compile a full list of things that need to do and can do; rather than starting SG for a specific feature.
		- Discussed on the power consumptions;
		- Discussed the options of SG and TIG, and corresponding timelines;
		- Had two Straw Polls (SPs) below.
	+ SP#1: Do you support the formation of a study group for “Full Duplex for 802.11”?
		- Yes: 21,
		- No: 23,
		- need more info: 57,
		- Abstain: 0
	+ SP#2: do you support to form a TIG for Full duplexing for dot11?
		- Yes: 51,
		- No: 11,
		- need more info: 29,
		- abstain: 2
* Chair announced that he is looking for suggestions on the graduate student project topics for a class he is teaching this term.
* Plan for 2018-March meeting:
	+ Call for contributions: the WNG chair will issue a call for contributions before the 2018-March meeting.
* Any other business: none
* Adjourned at 9:39am Irvine Time