IEEE P802.11  
Wireless LANs

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| TGaz Teleconference Minutes  March 6th, 2019 | | | | |
| Date: 2019-03-06 | | | | |
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Abstract

Minutes for the TGaz Teleconference: March 6th, 2019.

**IEEE 802.11 Task Group AZ**

**March 6th, 2019**

1. **TGaz – 6th March, 2019** 
   1. Called to order by TGaz Chair, Jonathan Segev (Intel Corporation) and Vice Chair, Assaf Kasher (Qualcomm), Roy Want (Google) Secretary, at **9am PT,**
   2. Agenda Doc. **IEEE 802.11-18/324r0**
   3. Review Patent Policy and logistics
      1. Chair reviewed the IEEE-SA Patent Policy, additional guidelines about IEEE-SA meeting and logistics – no clarifications requested.
      2. Chair called for any potentially essential patent, no one spoke up.
      3. Chair reviewed IEEE 802 WG participation as individual professional and anti-trust requirements – no clarification requested.
      4. Chair reminded all participants that they could record their attendance by email to the secretary (optional)
      5. Recorded Participation requirement
         1. Any questions comments or feedback – none
         2. Headcount: 9 participants on telecon.
   4. Review Agenda
      1. Reviewed the agenda
      2. Chair called for any additional feedback and changes to agenda. - none
   5. Qinghua Li (Intel) presented document **11-19/326r0**
      1. **Title**: 802.11az PHY Spec Text for Adaptation of Secure LTF Sequence to Bandwidth/Antenna Change (relative to P802.11az/D1.0\_1).
      2. **Summary:**The suggested edits account for the following disambiguates:

1. The measurement exchange does not include the generation process of the secure bit sequence, which is currently in the negotiation section. The generation process of the secure bit sequence should be in a section other than the negotiation section.

2. Terminology mix-up – there is no separation between DL and UL sequences. The two sequences share the same name Secure-LTF-bits, whereas the UL and DL generated bit sequences need to two different names for two different processes.

3. No clear definition on how the generated bits are used when a measurement instance uses a partial BW (secondary channel occupied) or a smaller number of space-time streams.

Solution:

1. Partition the existing text on Secure LTF to two parts:

* Have the current section “11.22.6.3.4 Secure LTF measurement setup” deal with the session setup only (i.e. indication of the negotiation and Secure LTF Key Seed derivation.
* Move the text dealing with generation of Secure-LTF-Bits to the “Secure TB and NTB Measurement Exchange Protocol” section where the parameters used (SAC, Secure LTF counter) are described. This text is shared between the TB and NTB.

2. Describe under section 28 what happens if not the maximum allocated BW, UL and DL *N*STS and such are used – which part of the generated bit sequence is used.

Other: DL and UL bit sequences are using the same name – this is a typo so the notations of UL and DL are added to the corresponding sequence names.

* + 1. Discussion of presentation: **None**.
    2. No strawpoll at this time; deferring until next IEEE meeting.
  1. Any other business (AOB)?
     1. **None**
  2. Telecon ended at 9.48am PT.

**References:**

* <https://mentor.ieee.org/802.11/dcn/19/11-19-0324-00-00az-tgaz-march-6th-telecon-agenda.pptx>
* <https://mentor.ieee.org/802.11/dcn/19/11-19-0326-00-00az-spec-text-for-the-adaptation-of-secure-sounding-signal-to-bandwidth-and-antenna-changes.docx>