IEEE P802.11  
Wireless LANs

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| IEEE 802.11 Technical Interest Group on Full Duplex  10th October 2018 Teleconference Meeting Minutes | | | | |
| Date: 2018-10-09 | | | | |
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Abstract

This document contains the meeting minutes of the IEEE 802.11 Technical Interest Group on Full Duplex (FD TIG) sessions in the teleconference for October 10, 2018.

Note: Highlighted text are action items.

1. The IEEE 802.11 TIG meeting was called to order at 7:13 am by the Chairman (James Gilb).

* **To do in November**
  + Identify FD Performance at the PHY layer – James Gilb, Ming Gan, Yan Xin to send email
  + Identify section numbers to be changed based on the standard – Allen Heberling (MAC function, MLME), Kome Oteri
  + Provide more precise use cases to be used for proposal evolution,
    - Simulation scenarios – Yan Xin
    - Network model for MAC (e.g. ns3, Riverbed Modeler, Qualnet, emane) – James Gilb, Allen Heberling, Kome Oteri
  + Investigate model to be used for performance evaluation
    - Channel model for PHY – what needs to be in it? Can 802.11ac and 802.11ax channel models be used a template/starting point? How will it be different for FD from these models?
    - Tools to be used for channel modeling– James Gilb, Yan Xin
* **EHT presentation**
  + Introduction to Full Duplex
  + Performance requirements at the PHY layer, minor or major changes to an existing PHY layer clause
  + MAC protocol: backwards compatible with ac and others
  + Elaborate on the functional requirements for the proposed FD-TG work
  + Suggested scope (ideally tightly written)
  + Example that shows FD in backwards compatible/non-greenfield manner that improves performance.
  + Show FD improvement
* May need one additional teleconference to finalize presentation.

1. **Meeting Wrap-up**
   * No other business
   * Adjourned at 7:59 am.
2. **Attendees:** 
   * 10 in total (including phone call-ins).
   * Named Attendees
     + - Gilb James
       - Yan Xin
       - Allen Heberling (GenXcomm)
       - David Barr
       - Alan Berkema (HP Inc)
       - Kome Oteri