IEEE P802.11  
Wireless LANs

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| IEEE 802.11 Technical Interest Group on Full Duplex  29th October 2018 Teleconference Meeting Minutes | | | | |
| Date: 2018-10-29 | | | | |
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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 29, 2018.

Note: Highlighted text are action items.

1. The IEEE 802.11 TIG meeting was called to order by the Chairman (James Gilb).
2. **Agenda**

* Call to order
* Administrative: Reminders, rules, guidelines, resource
* Contributions
* Discussion of items to prepare for November
* Presentation for November EHT
* Planning for November
* Any other business

1. Contributions
   * No contributions
2. Items for November / Presentation for November EHT
   * Presentation for EHT (no volunteer)
   * Go over report instead?
   * Gilb to present
   * What is goal? Answer question should FD-TIG be part of EHT or separate SG?

* FD TIG Pro/Con Discussion
* FD TIG SG Pros
  + FD in same frequency, unmodified PHYs
  + Not focused on FD, anticipate faster finish, shorter document
  + Less conflict with other EHT work, focused on FD
  + Well defined, most work in the MAC, self-interference cancellation not part of standard
  + Won’t get lost in the challenging work facing EHT
  + Smaller project = shorter draft = less comments = faster finish
* FD TIG as part of EHT
  + Same group of people to do work
  + EHT does FD in multi-band, which may have new PHY properties
* Suggestion:
  + EHT takes on FD in multi-band and PHY changes required
  + FD SG focuses specifically on FD in same channel/frequency with MAC changes and PHY management
  + Preamble modifications or frame structure changes (e.g., FD OP bit) close coordination between two groups

1. Planning November
   * Tentatively get together 5 pm, Gilb to arrange room.
2. Meeting Wrap-up
   * No other business, adjourned at 7:30am.
3. **Attendees:** 
   * + - Gilb James
       - Osama Aboul-Magd
       - Yan Xing
       - Allen Heberling
       - Rui Yang
       - Paul Nikolich
       - Kome Oteri