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