

**IEEE P802.15**  
**Wireless Personal Area Networks**

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Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)	
Title	Wireless Next Generation meeting minutes for November 2020	
Date Submitted	13-November-2020	
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Re:	Meeting minutes	
Abstract	Wireless Next Generation Standing Committee minutes	
Purpose	Document task group meeting	
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**IEEE Project 802  
Working Group 15,  
Wireless Next Generation Standing Committee  
Meeting Minutes: November 2020  
Everywhere on Planet Earth**

Standing Committee Chair: Benjamin A. Rolfe (Blind Creek Associates)



*It's continuing mission to go where no bits have gone before*

## Contents

1. Friday, November 6, 2020 .....	3
Called to Order.....	3
Agenda .....	3
Logistics .....	4
Technical Presentations .....	4
Evolution of UWB in IEEE 802 .....	4
Considerations Regarding UWB in 802.15.....	4
Still more about UWB .....	4
The Question.....	4
Further discussion .....	4
Discussion of next steps.....	5
Any Other Business .....	5
Adjourn .....	5
2. Gratuitous Squirrel Reference.....	6

### **1. Friday, November 6, 2020**

#### **Called to Order**

Called to order at 09:10 ET after overcoming technical difficulties.

Reminder that the meeting is part of the 802 plenary and all the relevant rules presented in the WG opening apply.

#### **Agenda**

Agenda: Chair presents proposed agenda document # [15-20-0326-00](#).

1. Opening and Meeting Reminders
2. Technical Presentations and discussion
  - a. Evolution of UWB in IEEE 802
  - b. Considerations Regarding UWB in 802.15
  - c. Still more about UWB
3. Any other business
4. Adjourn

Discussion: None heard.

Hearing neither discussion nor objection, Agenda is approved by unanimous consent.

**Logistics**

Each presenter will take control of WebEx to share. Each presenter will state if they prefer questions in-line or at the end of the presentation. Attendees are reminded to mute when not speaking and turn video cameras off.

**Technical Presentations*****Evolution of UWB in IEEE 802***

<https://mentor.ieee.org/802.15/dcn/20/15-20-0325-00-wng0-evolution-of-uwb-in-ieee802.pptx>

Questions and discussion: Presenter is asked if the UWB implementation in the iPhone 11 is based on 802.15.4z. Answer: yes, based on the draft standard. A question is asked regarding standardization of the higher layers (above the MAC). The presenter is unable to answer at this time.

***Considerations Regarding UWB in 802.15***

<https://mentor.ieee.org/802.15/dcn/20/15-20-0322-00-wng0-considerations-regarding-uwb-in-802-15.pptx>

Questions and discussion: Discussion ensues regarding the organization of 802.15.4 and possibly created a new standard focused on UWB. Several perspectives are presented with consensus reached that this is an idea worth consideration. It is suggested to discuss further after the last technical presentation.

***Still more about UWB***

<https://mentor.ieee.org/802.15/dcn/20/15-20-0328-00-wng0-still-more-about-uwb.ppt>

Questions and discussion: It is noted that the estimated market data is many months old and likely out of date; it is suggested adoption is exceeding forecasts already.

***The Question***

WNG Chair asks “the question” of presenters: what would you like the group to do now?  
Discussion followed.

***Further discussion***

Lively discussion follows. Interest is expressed in perusing additional enhancements for UWB in the framework of 802.15 standards. Also, the concept of a UWB focused 802.15 standard which builds upon 802.15.4 is discussed. Many views are expressed to support potential restricting 802.15.4 as well as support for next generation UWB. Consensus is reached that there are two areas for further consideration, and thus it is suggested to initiate two Interest Groups in Working Group 802.15:

1. Create an interest group for next generation UWB
2. Create an interest group for 802.15.4 structure

It is noted by the Working Group chair that Interest Groups are formed by the Working Group chair. Having heard sufficient consensus to proceed, the Working Group chair says “make it so”.

WNG Chair (Benjamin Rolfe) volunteers to chair both interest groups to get things started. Hearing no other volunteers, the WG chair so appoints.

### ***Discussion of next steps***

The group consensus is to begin Interest Group ad-hoc meetings prior to the January virtual interim meeting. The WNG chair takes the action to initiate IG ad-hoc calls following the November plenary closes.

### ***Any Other Business***

The next WNG meeting will be during the January 2020 wireless interim (virtual). Reminder is given to make requests for WNG time with the WNG chair.

### ***Adjourn***

Recess @ 08:00 PT / 11:00 ET.

## 2. Gratuitous Squirrel Reference

