IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Minutes 802.11 be PHY ad hoc Telephone Conferences,  March 2020 | | | | |
| Date: 2020-03-16 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Sigurd Schelstraete | Quantenna/ON Semiconductor |  |  | Sigurd.schelstraete@onsemi.com |
|  |  |  |  |  |

Abstract

This document contains the PHY ad hoc meeting minutes for TGbe teleconferences held on:

* March 16, 2020

**Monday March 16th, 2020 19:00 – 22:00 ET**

**Introduction**

1. The Chair (Tianyu Wu, Apple) calls the meeting to order at 19:00 ET.
2. The Chair follows the agenda in 11-20/0425r1
   * Adjustments to agenda will be made per member’s request
3. The Chair goes through the IPR policy and asks if anyone is aware of any potentially essential patents. Nobody speaks up.
4. The Chair reminds everyone to report their attendance by sending an e-mail to the Co-chair, Sigurd Schelstraete (Quantenna/ON Semiconductor) or the Chair himself.

**Attendance**

The following people recorded their attendance for this call:

* Eugene Baik (Qualcomm)
* Rui Cao (NXP)
* Alice Chen (Qualcomm)
* Sean Coffey (RealTek)
* Roya Doostnejad (Intel)
* Ruchen Duan (Samsung)
* Hung Tao Hsieh (MTK)
* Feng Jiang (Intel)
* Myeongjin Kim (Samsung)
* Youhan Kim (Qualcomm)
* Wook Bong Lee (Samsung)
* Qinghua Li (Intel)
* Dandan Liang (Huawei)
* Jianhan Liu (MediaTek)
* Yunping Lv (Huawei)
* Miguel Lopez (Ericsson)
* Lily Yunping Lyu (Huawei)
* Khashayar Mirfakhraei (Cisco)
* Yujin Noh (Newracom)
* Al Petrick (InterDigital)
* Ron Porat (Broadcom)
* Oded Redlich (Huawei)
* Sigurd Schelstraete (Quantenna/On Semiconductor)
* Steve Shellhammer (Qualcomm)
* Shimi Shilo (Huawei)
* Sudhir Srinivasa (NXP)
* Junghoon Suh (Huawei)
* Bo Sun (ZTE)
* Bin Tian (Qualcomm)
* Genadiy Tsodik (Huawei)
* Kiran Uln (Cypress)
* Prabodh Varshney (Nokia)
* Sameer Vermani (Qualcomm)
* Tianyu Wu (Apple)
* Yan Xin (Huawei)
* Bo Yang (Huawei)
* Rui Yang (InterDigital)
* Ross Yu (Huawei)
* Hongyuan Zhang (NXP)
* Yan Zhang (NXP)

**Deferred Straw Polls**

20/0020 Consideration for EHT-SIG transmission

* Do you agree that EHT-SIG field of MU PPDU consists of more than one EHT-SIG content channel in 80MHz?
  + The EHT SIG content channel is similar to HE-SIG-B content channel
  + The number of content channel is TBD.

There is some discussion as to the exact meaning of the term “content channel” in this context.

SP is deferred for further discussion.

20/279 considerations on EHT-SIG compression modes

* Do you agree that in an EHT PPDU used for punctured SU or MU-MIMO transmission, U-SIG comprises punctured channel info and EHT-SIG may comprise supplemental punctured channel info?

Several submissions have similar or related proposals. SP is deferred until these have been presented.

20/285 SU PPDU SIG Contents Consideration

SPs are Deferred

**New Submissions**

373 RU Allocation Subfield Design for Multi-RU Support

Proposal for signalling of multi-RU combinations.

SP deferred till other options have been discussed.

400 Multi-RU combination and signalling for OFDMA transmission

Three options are discussed for signalling multi-RU allocation:

* Indication in user-specific fields, reusing current framework
* Indicate multi-RU in common field
* Redefine RU allocation field with new combinations

SP deferred till other options have been discussed.

401 Preamble puncture signalling for non-OFDMA transmission

Three options are discussed for signalling punctured BW transmissions:

* Bitmap per 20 MHz
* RU segment: sequence of 2 bit patterns used to indicate series of RU segments.
* Use 8 bits to indicate puncture pattern

**Adjourn**

The meeting is adjourned at 10:00 PM ET