IEEE P802.11  
Wireless LANs

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| Wake-Up Receiver (WUR) Study Group Teleconference Minutes, 15th of August, 2016 | | | | |
| Date: 07-28-2016 | | | | |
| Author(s): | | | | |
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Abstract

This document contains minutes of WUR SG teleconferences in August 2016.

Rev 0: Minutes from WUR SG teleconference on 15th of August, 2016.

**Teleconference on Monday, August 15th , 2016, 14:00 – 15:00 (ET)**

**Meeting Agenda:**

* Call the meeting to order
* IEEE 802 and 802.11 IPR policy and procedure

        Announcements

* Attendance (Please send an email to Leif Wilhelmsson ([leif.r.wilhelmsson@ERICSSON.COM](mailto:leif.r.wilhelmsson@ERICSSON.COM)) and/or Minyoung Park ([minyoung.park@intel.com)](mailto:minyoung.park@intel.com)))
* Review the comments collected based on the call for comments (<http://www.ieee802.org/11/email/stds-802-11/msg02222.html>)

       Adjourn.

1. Meeting called to order by Chair Minyoung Park(Intel) @ 14:05 (ET).
2. Chair confirms that the Secretary is on the call.

Chair reviewed the IEEE 802 and 802.11 Policy and Procedure, and presents where to find the relevant documents. Chair asks if there is any potentially essential patent that people are aware of.

No potentially essential patents reported.

1. Chair explains that a call for comments was sent out and that the received comments have been uploaded to mentor. He also mentions that there will be an additional telco next week at a more Asian friendly time.
2. Chair goes though the agenda. No objection to the agenda.
3. Chair starts to go through received comments on the PAR, document <https://mentor.ieee.org/802.11/dcn/16/11-16-1095-00-0wur-comment-collection-on-par.xlsx>. The discussion of the comments and the proposed changes are found below

* CID 1: Suggested to not be explicit abouit this in the PAR. Althoguh it is natural that the primary transmitter is used, there is no reason to mandate it and even less reason to mention it in the PAR.
* CID 2 + CID 4: These two comments are very similar and treated jointly. Agreed that we don’t need to explicitly mention user data, and remove this at this point.
* CID 3: Discussion that this was too specific. Agreed to rephrase along the lines that the “primary function of the WUR is to wake up the main radio”.
* CID 5: The proposal to have TBD in the PAR does not work. Suggested to have a straw poll in the f2f to try to find a better number than 1 mW. No one has a proposal at this time. Also mentioned that we may want to reference the numbers presented by Intel (a few hundred uW).
* CID 6: Unclear how we can obtain 100ms. Propsed to keep the discussion in the explanatory section rather than the scope section not to put extra burden on the group.
* CID 7: Suggested to move range discusson to the explanatory section and include more details.
* CID 8: Too specific. We can comment that it is OK to use another channel.
* CID 9: The purpose is to ensure that e.g. LAA does not grab the channel while the WUS is transmitted. Need to be discussed more at the f2f, as many felt unsure about how to deal with other standards in this respect.
* CID 10: No comment
* CID 11: Editorial – no comment.
* CID 12: Reza (Newracom) announced he wrote this comment, but for some reason it is no the excel-sheet. Question if this was different than RTS/CTS. Answer by Reza that the WUS signal potentially can be much longer.
* CID 13: This one is similar to CID 10. Question whether this would imply that we need to design multiple modes. Answer was that this was not the pupose but rather to allow for more flexibility.
* CID 14: Need to discuss this further at the f2f. Again, we cannot have TBDs in the PAR

We will continue in the next telco.

1. Adjourn
   1. Meeting adjourned at 14:59 (ET).
2. List of Attendees

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|  | **Name** | **Affiliation** |
| 1 | Minyoung Park | Intel |
| 2 | Leif Wilhelmsson | Ericsson |
| 3 | Osama Aboul-Magd | Huawei |
| 4 | Henkka Rantala | Nokia |
| 5 | Mark Rison | Samsung |
| 6 | Sue Leicht | NSA |
| 7 | Kome Oteri | InterDigital |
| 8 | Minho Cheong | Newracom |
| 9 | Jae Seung Lee | ETRI |
| 10 | Edward Au | Huawei |
| 11 | Sungeun Lee | Cypress Semiconductor |
| 12 | Igor Kim | ETRI |
| 13 | Lei Wang | Marvell |
| 14 | Minho Cheong | Newracom |
| 15 | Reza Hedayat | Newracom |
| 16 | Yonggang Fang | ZTE |