**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **22Feb2017 Telco Minutes** | |
| Date Submitted | [12 March, 2017] | |
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| Re: | [] | |
| Abstract | [This document contains the minutes of the 14 Dect. ,2016 IG LPWA telephone conference ] | |
| Purpose | [Record discussion] | |
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**Draft Minutes for IEEE IG LPWA Telephone Conference, 22 February, 2017**

**Chair – Joerg Robert**

**Agenda**

Start: 22nd Feb. 16:00 (CET), 07:00 (PST)

1. Discussion on Study Group Report Skeleton Document, Doc. <https://mentor.ieee.org/802.15/dcn/17/15-17-0124-00-lpwa-ig-lpwa-report-skeleton-document.doc>
2. Latest Updates on Liaison with ETSI LTN
3. Contribution: The Potentials of IEEE 802.15.4 CSMA/CA to operate in Dense Metering Networks with Hidden Nodes, Tallal Osama El-Shabrawy (German University in Cairo), Doc. <https://mentor.ieee.org/802.15/dcn/17/15-17-0130-00-lpwa-the-potentials-of-ieee-802-15-4-csma.pptx>
4. Updates on Literature Database, Doc. <https://mentor.ieee.org/802.15/dcn/16/15-16-0749-01-lpwa-ig-lpwa-literature-list.xlsx>
5. Planned Input for the Vancouver Plenary
6. AoB

**Decisions**

1. Discussion on Study Group Report Skeleton Document:  
   The latest version of the Study Group Report Skeleton Document was presented (15-17-0124-00-lpwa). Paul commented that the IG should not dive too deep into technical stuff. Clint furthermore commented that the document should show that LPWAN may be more efficient.
2. Latest Updates on Liaison with ETSI LTN:  
   ETSI can only reply on an official liaison request. Such liaison request letter will be discussed during the Vancouver meeting.
3. Contribution: The Potentials of IEEE 802.15.4 CSMA/CA to operate in Dense Metering Networks with Hidden Nodes (15-17-0130-00-lpwa):  
   Tallal presented results on the hidden node issue in LPWAN. The presentation indicates that a reduction of the hidden nodes may increase the performance of the network. Clint asked about the transmit range in the downlink. Tallal answered that the downlink is assumed to be ideal and has infinite range, as the research is focusing on the uplink.
4. Literature database:  
   An updated literature document is available on Mentor (15-16-0749-01-lpwa).
5. Planned input for the Vancouver Plenary:  
   Joerg encouraged the group to make contributions on candidate technologies.
6. AoB: no topic

**Attendees**

* Tallal Osama El-Shabrawy
* Ann Krieger
* Paul Nikolich
* Clint Powell
* Joerg Robert
* Juan Carlos Zuniga