**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **22June2017 Telco Minutes** | |
| Date Submitted | [23 June, 2017] | |
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| Re: | [] | |
| Abstract | [This document contains the minutes of the 22 June 2017 IG LPWA telephone conference ] | |
| Purpose | [Record discussion] | |
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**Draft Minutes for IEEE IG LPWA Telephone Conference, 22 June, 2017**

**Chair – Joerg Robert**

**Agenda**

Start: 22nd June. 16:00 (CEST), 07:00 (PST), duration 1h

1. Minutes of Last Telephone Conference  
   <https://mentor.ieee.org/802.15/dcn/17/15-17-0345-00-lpwa-11apr2017-telco-minutes.docx>
2. Contributions
   1. Joerg Robert: Packet Splitting for Improved Robustness  
      <https://mentor.ieee.org/802.15/dcn/17/15-17-0344-00-lpwa-packet-splitting-for-improved-robustness.pptx>
   2. Joerg Robert: Suitability of IEEE 802.15.4k   
      <https://mentor.ieee.org/802.15/dcn/17/15-17-0346-00-lpwa-suitability-of-ieee-802-15-4k.pptx>
3. Call for Contributions
4. AoB

**Decisions**

1. Minutes of Last Telephone Conference:  
   Minutes of the previous telco are available on mentor. No discussion on the meeting minutes.
2. Discussion of Contributions:  
   According to the request in the previous telco, Joerg presented the Packet Splitting method (<https://mentor.ieee.org/802.15/dcn/17/15-17-0344-00-lpwa-packet-splitting-for-improved-robustness.pptx>). There were questions concerning the robust compared to DSSS. Joerg offered to present simulation results on this.

Joerg presented an analysis of the 802.15.4k wrt. LPWA. 802.15.4k fulfills almost all LPWA requirements. However, the fragmentation on the MAC layer in order to meet the 400ms FCC requirement may reduce the system efficiency (<https://mentor.ieee.org/802.15/dcn/17/15-17-0346-00-lpwa-suitability-of-ieee-802-15-4k.pptx>). The findings will be discussed in Berlin again.

1. Call for Contributions:   
   Joerg encouraged the group members to do presentation in the Berlin meeting.
2. AoB:  
   No topics

**Attendees**

* Joerg Robert
* Juan Carlos Zuniga
* Bob Heile
* Radhakrishna Canchi
* And others