**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **11Apr2017 Telco Minutes** |
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| Re: | [] |
| Abstract | [This document contains the minutes of the 11 April 2017 IG LPWA telephone conference ] |
| Purpose | [Record discussion] |
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**Draft Minutes for IEEE IG LPWA Telephone Conference, 11 April, 2017**

**Chair – Joerg Robert**

**Agenda**

Start: 11th Apr. 16:00 (CEST), 07:00 (PST)

1. Latest Updates on Liaison with ETSI LTN
2. Discussion of Contributions
3. Call for Contributions
4. AoB

**Decisions**

1. Latest Updates on Liaison with ETSI LTN:
ETSI responded that many of the asked questions are available in the document TR 103 435. This is downloadable from the ETSI server: <http://www.etsi.org/deliver/etsi_tr/103400_103499/103435/01.01.01_60/tr_103435v010101p.pdf>
2. Discussion of Contributions:
Pat Kinney presents a white paper on 802.15.4 standards for LPWAN (15-17-0248-00-lpwa, (<https://mentor.ieee.org/802.15/dcn/17/15-17-0248-00-lpwa-summary-of-ieee-std-802-15-4-lecim.docx>)
There were several questions, e.g. on the frequency hopping in case of fragmentation. Details will be discussed in one of the next telcos.
Furthermore there was a long discussion on overhead efficiency in 802.15.4 and other LPWAN systems.
One possible solution for reduced overhead is header compression. Details for the SIGFOX system using COAP are available online (<https://www.ietf.org/proceedings/98/slides/slides-98-lpwan-aggregated-slides-07.pdf>  pages 84-87 from aggregated slides)
3. Call for Contributions:
Further presentations on LoRa efficiency were offered for one of the next telcos or the plenary.
Joerg offered a presentation of the Fraunhofer technology in the next telco.
4. AoB: no topic

**Attendees**

* Lorenzo Vangelista
* Paul Nikolich
* Clint Powell
* Joerg Robert
* Juan Carlos Zuniga
* Steve Beck
* Pat Kinney