**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **WG Draft Letter to ETSI LTN** | |
| Date Submitted | [15 March, 2017] | |
| Source | [Joerg Robert] [FAU Erlangen-Nuernberg] [Am Wolfsmantel 33, 91058 Erlangen] | Voice: [+49 9131 8525373] Fax: [+49 9131 8525102] E-mail: [joerg.robert@fau.de] |
| Re: | [] | |
| Abstract | [Document contains draft version of letter to ETSI LTN asking for collaboration] | |
| Purpose | [Decision within WG 802.15] | |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. | |

March 15, 2017

To: LTN rapporteurs: Benoit Ponsard [benoit.ponsard@sigfox.com](mailto:benoit.ponsard@sigfox.com), John Nickalls [jjn@telensa.com](mailto:jjn@telensa.com)

From: 802.15 Chair: Bob Heile [bheile@ieee.org](mailto:bheile@ieee.org)

Subject: Coordination between ETSI LTN and 802.15 LPWA

CC:

ERM chair: [holger.butscheidt@bnetza.de](mailto:holger.butscheidt@bnetza.de)                         
TG28 chair: [ENRICO.TOSATO@TIES.ITU.INT](mailto:ENRICO.TOSATO@TIES.ITU.INT)

LPWA chair: Joerg Robert

Global Affairs Program Director, IEEE-SA: Moira Patterson [m.patterson@ieee.org](mailto:m.patterson@ieee.org)

Dear Benoit and John,

The IEEE 802.15 WG recently established an Interest Group for LPWA (Lower Power Wide Area) Communications. The group’s mission is to evaluate different technology options for Low Power Wide Area Networks (LP-WAN) with the goal of defining areas for standards work within IEEE802.

Since ETSI LTN is addressing specifications for LP-WANs in LTN ERM/TG28, it is highly relevant for the future work within the IEEE 802.15 LPWA Interest Group. Likewise, we feel our work may also be relevant to you. IEEE and ETSI already have an MOU to foster collaboration. IEEE 802.15 is therefore requesting that you add ESTI LTN to the existing ETSI-IEEE MOU. We will do the same on our side. This will allow our two groups to share documents and work more closely together as needed.

Meanwhile, it would be much appreciated if you could provide answers to the following questions to the extent possible while we are getting added to the MOU:

* What is the schedule of the ETSI LTN? When do you plan to have the final TS?
* What are the scenarios you are designing the specification for?
* What are the technical requirements to fulfill the scenario requirements?
* How do you compare the performance of the different proposals?
* What are the technologies that you are currently discussing? Do you plan profiling?
* Is there any coexistence study plan within ETSI LTN?

Sincerely,

Bob Heile

Chair, IEEE 802.15 Wireless Specialty Networks