**IEEE 802**

**Local and Metropolitan Area Network Standards Committee**

**Date [ DATE ]**

**DCN IEEE EC-17-00XX-0X-00EC**

**Source IEEE 802 LMSC[[1]](#footnote-1)**

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| --- | --- | --- |
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|  |  |  |
| **CC** | John D’Ambrosia | IEEE 802 LMSC Recording Secretaryjdambrosia@ieee.org  |
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| **From** | Paul Nikolich | Chairman, IEEE 802 Local and Metropolitan Area Network Standards CommitteeIEEE Fellow p.nikolich@ieee.org  |
| **Subject** | Liaison [letter to ..]/[reply to ..] |
| **Approval** | Agreed to at IEEE 802 [plenary | interim] meeting, [where], [date] |

Dear [Name],

The IEEE 802.15 Interest Group LPWA (Lower Power Wide Area) within the 802.15 working group is currently evaluating different technology options for Low Power Wide Area Networks (LP-WAN). At the moment we are working on use-cases, channel models, and different technology options suitable for LPWAN.

At the same time we are aware that ETSI is working on the specification of LP-WANs in LTN ERM/TG28. This work is highly relevant for the future work within the IEEE 802.15 Interest Group LPWA.

IEEE 802.15 would like to request information from ETSI about the ongoing specification work at ETSI LTN:

* 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?

Furthermore, the IEEE 802.15 IG LPWA would also be willing to bring information from its work into the ETSI LTN group.

Sincerely,

1. This document solely represents the views of the IEEE 802 LMSC,and does not necessarily represent a position of the IEEE or the IEEE Standards Association. [↑](#footnote-ref-1)