**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title | **Proposed comment resolution for r01-16 from the sponsor ballot recirculation** |
| Date Submitted | 13 September 2016 |
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| Re: | 802.15.10 Consolidated Sponsor Ballot Comments, CID r01-16 |
| Abstract | Provides a proposed resolution to CID r01-16 |
| Purpose | To be used by the technical editor to apply the necessary changes to the draft to resolve CID r01-16 |
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**Comments**

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| **Commenter** | **Page** | **Clause** | **Line** | **Comment** | **Proposed change** |
| Verotiana Rabarijaona | 1 | 1 | 1 | The introduction is missing from the document. | Include an introduction |

**Resolution: Revise**

* ***Insert the following introduction before the TOC***

Devices that implement the IEEE Std 802.15.4 are widely deployed and support a variety of applications. The latest PHYs and features of the IEEE Std 802.15.4 enable support operating over long distances. The following are examples of use cases:

* Smart metering
* Traffic systems
* Environment monitoring
* Municipal administration
* Structure monitoring
* Irrigation optimization
* CEMS, BEMS, HEMS (City, Building, Home Energy Management Systems)
* Smart lighting

The use of mesh network topologies is an essential characteristic of these applications, which enables range extension and reliability improvements.

This recommended practice aims at enabling mesh routing at the link layer on these IEEE Std 802.15.4 networks.