**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **/ 802.1 Collaboration Points** | |
| Date Submitted | [12 Nov., 2013] | |
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| Re: | [TG10 / 802.1 Collaboration Ground Work] | |
| Abstract | [Working document] | |
| Purpose | [see Re:] | |
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**TG10 / 802.1 Collaboration Points on Mesh Networks**

**How does/would 802.1 address:**

* **Bridging w/64 bit addresses?**
* **Assigning 16 bit addresses throughout the PAN/Mesh Ntwk.?**
* **Sleeping devices?**
* **Low energy operation (10yr battery life)?**
* **The nature of the 802.15.4 low power, low cost, low complexity, limited resources  
  (e.g. < 64 kB memory) approach?**
* **Address different packet lengths of 15.4 amendments?**
* **Timing aspects regarding bridging between sync and async portions of the ntwk?**

**A presentation and Q&A on the above would be useful for TG10.**

**Note: the following are not applicable to TG10**

* + **Dealing with different addressing lengths/trying to resolve differences?**
  + **Dealing with different MACs/trying to resolve differences?**
  + **Dealing with high data rates (e.g. > 2 Mb/s)?**