**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **<IEEE802.15 SCMan and SCWNG minutes>** | |
| Date Submitted | [20 Mar 2013] | |
| Source | [] [] [Chicago, IL] | Voice: [+1.847.960.3715] Fax: [] E-mail: [pat.kinney@ieee.org] |
| Re: | [802.15 Main and WNG Meeting in Orlando] | |
| Abstract | [IEEE 802.15 Man and WNG Standing Committee Minutes] | |
| Purpose | [Official minutes of the Working Group Session] | |
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**IEEE 802.15 Plenary Meeting – Session #83**

**Caribe Royal, Orlando, Florida**

**March 18-22, 2013**

**Tuesday 19 March 2013**

**18:30** SC Maintenance called to order by Pat Kinney (Kinney Consulting)

* Agenda
  + Review subject matter for upcoming Corrigenda (P802.15.4r)
  + Discuss presentation by L Taylor
* Larry Taylor presented “802.15.4 use by external SDOs” (doc 15-13-0194-01)
  + Frame Type ID
    - TS 102 887-2 follows ANSI/TIA-4957
      * Frame ID 0b111 signals 3-bit extension
      * Full Frame ID is 6-bit 111 xxx
      * Assign
      * ‘111 000’ 🡪 ‘111 111’ for 802.15.4 standards
      * ‘111 111’ 🡪 ‘111 000’ for SDOs
      * Potentially meet in the middle
      * ANSI-TIA-4957.200 uses 111 111
    - Assumes unlikely that a second Frame ID extension would be needed
    - Suggest adopting this extension format
    - Define a registration procedure (e.g. by IEEE RAC) for SDOs to request one or more Frame ID Extension value to be uniquely assigned to them
  + IE ID
    - Define a registration procedure (e.g. IEEE RAC) to manage IE ID name space
    - Redesignate (some of) managed and unmanaged IDs to be assigned by the registration procedure
    - SDOs may request ranges of IE ID name space to be uniquely assigned to them
  + IE Descriptor
    - Revert Descriptor to common TLV format used in IEEE and other standards
    - It is well understood that this will be difficult for 15.4 but it is a one-time pain to correct the erroneous descriptor choice which will avoid eternal confusion throughout widespread adoption of 15.4 supporting other standards
* Discussion on L Taylor’s presentation
  + Resolution on the IE ID resulted in the consensus that this matter should be part of the 802.15.4 corrigendum currently underway
  + It was agreed that the Frame Type ID was architectural in nature but should be resolved within SC-maintenance. It as agreed that when discussing and evaluating proposals to resolve this issue that SC-maintenance meet at a daytime slot
  + The attendees appreciated the issue with the IE descriptor but there was significant concern on changing this aspect due to breaking backward compatibility. A straw poll of the attendees showed that the majority wanted to understand the impact to other SDOs, consortiums, and commercial systems before deciding whether to bread backward-compatibility or proceed in another fashion.
  + It was agreed that P Kinney and B Heile will draft a “boilerplate document” describing the issue at hand, the impacts to devices compliant to IEEE 802.15.4e-2012, and the process to participate in the IEEE 802.15 response to this request.
  + It was further agreed that discussions on this topic would require sending out the “boilerplate” to any and all groups and persons that could be impacted by an 802.15 decision and that any discussion would occur during daytime meeting slots

**19:39** SC Maintenance meeting adjourned

**Wednesday 20 Mar 2013**

**11:13** SC-WNG called to order by Pat Kinney

**11:14** Launching a SG on THz by Thomas Kürner (15-13-0139-01)

* Comment: R Roberts (Intel Labs)
  + should include free-space optics as part of this PAR
* Question: R Kohno:
  + comparing THz with Optical? There is overlap, the SG will work on this issue

**11:38** Review and Amendment of IEEE802.15.6 BAN to Focus on Dependable Wireless BAN of Things byProf Ryuji Kohno (15-12-0192-01)

**12:13** meeting adjourned