**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title | **<IEEE802.15 SCWGN minutes>** | |
| Date Submitted | [16 Nov, 2011] | |
| Source | [Pat Kinney] [<Kinney Consulting LLC>] [Chicago, IL] | Voice: [+1.847.960.3715] Fax: [] E-mail: [pat.kinney@ieee.org] |
| Re: | [802.15 WNG Meeting in Atlanta] | |
| Abstract | [IEEE 802.15 WNG Steering Committee Minutes] | |
| Purpose | [Official minutes of the Working Group Session] | |
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**IEEE 802.15 Plenary Meeting – Session #76**

**Hyatt Regency, Atlanta, GA**

**November 7 - 10, 2011**

**Wednesday 9 Nov 2011**

**11:04** 802.15 WNG SC chaired by P Kinney brought to order noting that today’s meeting included three items of business:

1. Defining a response to an Interpretation Request
2. Presentation on “Challenges on Chinese Wireless Medical Monitoring networking Applications” by Liang Li (15-11-766-01)

* Interpretation Request:
  + The following interpretation request concerns IEEE 802.15.4-2006, subclauses 6.8.2.5 and 6.8.3.2:
  + While the BPSK PHY and the ASK PHY of the 868 MHz specifications use raised-cosine and root-raised-cosine pulse shape filtering to represent the baseband chips, the O-QPSK PHY uses half-sine pulse shaping for baseband-chip representation (see 6.8.2.5). Furthermore, subclause 6.8.3.2 specifies that, using the 868 MHz band, "the signal shall be filtered" with a raised-cosine filter. Does this mean that the baseband chips are first half-sine filtered and then additionally raised-cosine filtered? Or is the raised-cosine filtering optional?
* Response to Interpretation Request
  + Does this mean that the baseband chips are first half-sine filtered and then additionally raised-cosine filtered?
    - “Yes”. This filtering is for pulse shaping purposes.
  + Or is the raised-cosine filtering optional?
    - “No, this is mandatory”. This filtering is for spectral emissions purposes.
* SCWNG Motion: *move to approve slide 3 of 15-11-0773-01 (which states the above response) as resolution to the request for interpretation as stated on slide 2 (which states the Interpretation Request as stated above)*.
  + Moved by James Gilb , seconded by Phil Beecher
  + Following neither discussion nor opposition, the motion carries
* “Challenges on Chinese Wireless Medical Monitoring networking Applications” by Liang Li (15-11-766-01)
  + Question: does the 402-425 MHz band have other uses that could conflict with this application?
    - Reply: Yes, coexistence would need to be analyzed
  + Do the other bands have uses that could conflict with this application? Yes
  + Straw poll of attendees supporting the formation of an MBAN Chinese Study Group yielded a result of 30/0/10.

**12:13** Meeting adjourned