**IEEE P802.15**

**Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title |  | |
| Date Submitted | [17 May, 2010] | |
| Source | [] [] [Chicago, IL] | Voice: [+1.847.960.3715] Fax: [+1.630.524.9054] E-mail: [pat.kinney@ieee.org] |
| Re: | [802.15 Interim Meeting in Beijing] | |
| Abstract | [IEEE 802.15 LECIM IG Minutes] | |
| Purpose | [Official minutes of the Working Group Session] | |
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**IEEE 802.15 Plenary Meeting – Session #66**

**May 2010**

**Task Group 4h Minutes**

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# Monday, 17 May 2010, 16:00 (PM2)

**16:00** Pat Kinney, LECIM IG chair pro tem, called the meeting to order.

Chair pro tem presented the LECIM IG opening report, 15-10-0237-00. Chair displayed the IEEE-SA slides #1 through #4 of the IEEE patent policy. Chair asked if anyone in the meeting was personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance? There were no responses.

**16:08** Presentation of Super-low Energy Consumption WPAN Application Case: Wireless Environment Monitor in Smart Agriculture (15-10-0291-00) by Betty Zhao

No discussion

**16:15** Presentation ofRemote Monitoring Applicationsby Roberto Aiello (15-10-0297-02)

No discussion.

**16:23** Presentation of Soil Monitoring Application (15-10-0299-00) by Roberto Aiello

Discussion:

* Question - These applications seem similar to those proposed to TG4 8 years ago; what is new that requires a new PHY?
* Reply – 802.15.4 met some of the application needs and there are some instances of these applications that can use the current PHY but enhancing the PHY would allow many more instances of these applications and more applications to be served.
* Comment – the current mesh requires routers to be always powered but this isn’t practical for many outdoor applications.

It was agreed to continue on the application requirement effort at the next session in San Diego.

**16:40** meeting adjourned