**IEEE P802.15**

**Wireless Personal Area Networks**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) | |
| Title |  | |
| Date Submitted | [18 Mar, 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 Orlando, FL] | |
| Abstract | [IEEE 802.15 Standing Committee Minutes] | |
| Purpose | [Official minutes of the Working Group Session] | |
| Notice | This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15. | |

**IEEE 802.15 Plenary Meeting – Session #65**

**Mar 2010**

**Task Group 4h Minutes**

[Tuesday, 16 Mar 2010, 16:00 (PM2) 2](#_Toc256757712)

[Thursday, 18 Mar 2010, 8:00 (AM1) 2](#_Toc256757713)

# Tuesday, 16 Mar 2010, 16:00 (PM2)

**16:05** David Howard, LECIM IG chair, called the meeting to order. Attendees are listed in Annex A

**Presentation of Container Tracking Application** (15-10-0186-00) by Roberto Aiello

Discussion

* Questions from this presentation were on propagation between containers, retransmission, etc.
* Uniqueness:
* No technologies fill the needs or they are not deployed
* Small payloads and low duty cycles
* Previous presentation 15-09-071-scwng intra-nodal shipping container
  + SAIC wanted MAC changes

**Description of the New Project Process** by Pat Kinney

* Process of new idea for a standard begins by a presentation to WNG
  + - WNG provides an opportunity for all new or updated ideas to be presented for immediate 802.15 peer review.
    - This committee acts as a clearing house for the wireless next generation of features to the plus refinements to the existing 802.15 Standards
* If sufficient interest at WNG group requests formation of an Interest Group
* Interest Group
  + Provide a common forum for similar interests
  + Provide a mechanism to better define the specific needs that are not being met by either an existing standard or a standard under development
  + Allows members to determine if sufficient levels of interest exist to form a study group
* If the Interest Group believes there is sufficient cause and interest for a new standard to be developed it may petition the WG to request the 802 EC to form a study group
* Study Group
  + Investigates the interest of starting a standard or an amendment to a standard

**Presentation of Low Energy Critical Infrastructure Monitoring** (15-10-0053-00) by David Howard

Discussion:

* Would this be a new task group or an amendment to TG4?
* Reply – don’t know at this time
* Definition of critical infrastructure can be found at numerous sites including US government sites

It was agreed to keep the call for applications open throughout the China session.

Characterization of needs for given apps exercise was conducted by D Howard and captured in document 15-10-208-00

**18:00** meeting recessed

# Thursday, 18 Mar 2010, 8:00 (AM1)

**8:12** Chair called the meeting to order.

Review and amended agenda

Continue effort to capture application requirements as captured in document 15-10-208-01

**10:00** Meeting adjourned

**Annex A**

Pat Kinney Kinney Consulting

David Howard OnRamp Wireless

Brian Hagimo TRDA

Hirokazu Tanaka Toshiba

David Cypher NIST

Robert Huck OU

Steve Jillings Semtech

Larry Taylor DTE

Roberto Aiello independent

Jim Tomcik Qualcomm

Adrain Jennings Time Domain

Noriyasu Fukatsu Mitsubishi

Robert Assimiti Nivis

Dalibor Pokrajac Guard RFID

Wilson Wang SIMIT

Yoncy Yang SIMIT

Nancy Bravin self-employed

Michael Schmidt Atmel

Michael McInnis Boeing

Ludwig Winkel Siemens

Wei Hong Arch Rock