**IEEE P802.24**

**Smart Grid TAG**

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| Project | IEEE P802.24 Smart Grid Technical Advisory Group |
| Title | **Minutes-TAG-July-2015** |
| Date Submitted | 15 July 2015 |
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| Re: | TAG Meeting, July 13-15 2015, Kona, Hi, USA.  |
| Abstract | Meeting minutes. Includes 802.24 TAG meeting and IoT TG 802.24.2 meeting minutes  |
| Purpose | Document meeting activity and action items. |
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Minutes WG 24 session July 2015

Kona, HI, USA.

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| **802.24 TAG** |
| **Chair:** | Tim Godfrey (EPRI) |
| **Vice Chair:** | Benjamin Rolfe (Blind Creek Associates) |
| **Recording Secretary:** | Benjamin Rolfe (Blind Creek Associates) |
| **IoT TG Chair:** | Chris DiMinico () |
| **IoT TG Vice Chair:** | Mike Bennett (3MG Consulting) |
| **IoT TG Recording Secretary:** | Andrew Jimenez (Anixter Inc.) |

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# PM2 Monday 13 July 2015 (TAG)

Meeting called to order at 1601 local time by TAG Chair Tim Godfrey.

Chair, vice chair and recording secretary present.

Tim the opening report doc # 24-15-0020-00. Tim presents IEEE Patent Policy slides.

No questions, discussion or disclosures heard.

Tim presents doc # 24-15-0019-00 meeting agenda. A request is made to add agenda item for discussion of TAG attendance. Tim adds to PM2 Monday in 24-15-0019-01.

Following no further discussion nor objections, agenda is approved by unanimous consent.

Approval of minutes from May, doc # 24-15-0018-00. Following no discussion nor objections, minutes are approved by unanimous consent.

Time reviews action items from May (doc # 24-15-0020-00 slide 5) and reports on progress as noted in opening report.

Election of Vice Chair: Tim presents nominees and conducts vote.

There was 1 nominee: Benjamin A. Rolfe, Blind Creek Associates

Vote: approve: 8, oppose: 0, abstain: 0

Discussion on attendance and relationship to TAG membership: Tim leads a discussion with the conclusion that “weighting” the sessions so that membership can be obtained/maintained more readily when there are only 3 TAG meetings per session. Action: Tim investigate implementing a weighted attendance model.

Discussion on White Paper (802 standards in sub-GHz bands) outline document 24-15-0009-01.

Actions: Kunal Shah (SSN) and Ben Rolfe (BCA) volunteered to provide summary of 802.15.4m.

Actions: Phil Beecher (Wi-SUN Alliance) to provide global regulatory section update

Actions: Jeritt Kent (ADI) to work on Applications section.

Actions: Tim takes temporary ownership of the Coexistence section.

Updates captured and posted in 24-15-0009-02.

Recessed at 17:14 Local Time.

# PM2 Tuesday 14 July 2015 (TAG and IoT TG)

Called to order at 16:00 local time.

First order of business was to formally elect 802.24 IoT TG Chair Chris DiMinico

Moved by Mike Bennett

Seconded by Steve Pope

Vote Y:10 N:0 A:0

Result: Chris DiMinico elected 802.24 IoT chair with unanimous consent

Confirmation of 802.24 IoT TG officers – IoT Co-Chair Mike Bennett (3MG Consulting) and IoT Recording Secretary Andrew Jimenez (Anixter Inc.)

Chris DiMinico calls the IoT TG to order.

Introduction of 802.24 IoT TG attendees.

Prior to reviewing the agenda, 802.24 IoT TG Chair Chris DiMinico provided background and scope of 802.24 IoT TG. Principal objective is to serve as a conduit for standards activity across the IEEE 802 and specific vertical market applications via joint white paper development with select industry associations.

The agenda was reviewed and approved by unanimous consent (no document number provided). The agenda items were as follows –

* Review of liaison activity
* White Paper Development
* New Business

White Paper Development

* The two vertical market applications that have been identified as candidates for initial white paper development are physical security (i.e. video surveillance and electronic access control) and data center infrastructure management. One of the desired outcomes of the white paper development is to provide a path to liaising to industry associations that have a common interest in IoT standardization efforts.
* Andrew Jimenez provided an overview of the framework for the physical security whitepaper, which will focus on the heterogeneous transport methods for device communication, standards development, and common reference architectures for video surveillance and electronic access control deployments. There was discussion. Of particular interest was discussion of potential reference architectures for IoT and harmonization efforts that could lead to a common architecture for IoT applications.
* Michael Bennett delivered a review of his plan for a white paper on data center infrastructure management based on the relationship of sensors used in data center environments with IoT, data center network sensor trends, and the IEEE 802 work within the IoT domain.

Liaison Activity

* Wael Diab was unable to attend the meeting, so Michael Bennett gave an update on the liaison activities. Fundamentally, the first step is to establish framework for working with different industry organizations. The following liaison activities were reviewed and discussed.
	+ Industrial Internet Consortium (IIC) – Informal discussion to generate letter of interest in with working with the 802.24 IoT TAG.
	+ IEEE P2413 – Ludwig Winkel is identifying 802.1 and 802.3 IoT applications primarily for automotive industry.

New Business

* A webinar has been scheduled to finalize liaison process on August 14th @ 9am PDT. Webinar details TBD.
* Chris DiMinico solicited the group for support in the development of an Industrial Automation white paper.

Motion to Adjourn IoT TG. The TG is adjourned at 17:45 local time.

TAG is Recessed at 17:46 local time.

# PM2 Wednesday 15 July 2015 (TAG)

Called to order at 16:00 local time.

The chair presents document 0020-r1 Opening Report document.

Under new business, an incoming document from ITU Working Party 1A Question 236 on

SmartGrid is reported, 802.18 document 32r0. This is presented by John Notor.

802.24 agrees by straw poll to provide comments via an edit of this document,

2prior to the March 2016 plenary, with the goal of improving

the quality of the document.

The Sub GHz White Paper for 24.1 author assignments are reviewed.

Comments from the Monday PM2 session are recorded in document 0009r2.

The PAP2 Wireless Matrix is reviewed. The TAG will provide an update

to SGIP.

The 802 Student Paper Competition is discussed with regard to the goal of announcing the competition in September. Details are contained in the 802.24 closing report 24-15-0021r0, slide 9-10.

There is no further business.

Steve Pope moves to adjourn, John Buffington seconds. No objections, meeting

Adjourned at 17:30 local time.