**IEEE P802.15**

 **Wireless Personal Area Networks**

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| Project | IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs) |
| Title |  |
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| Abstract | Meeting minutes for the San Diego Plenary. |
| Purpose | [Description of what the author wants P802.15 to do with the information in the document.] |
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Minutes for IEEE 802.15 L2R Interest Group

San Diego Plenary Meeting

18 July 2012

Clint Powell, chair

Phil Beecher acting secretary

**Wednesday AM1**

Meeting called to order 8:05

Beecher (foolishly) volunteers to take minutes.

Clint explains process for the meeting then presents revised agenda:

15-12-0337-02-0l2r

Moved: Beecher, (BCC)

Second: Beroset, (Elster)

No discussion or objections.

Clint presents the slides for the chair, including the Patent Policy.

Clint asks if there are any essential patents or patent claims

Clint Presents other guidelines for IEEE meetings. There are no questions.

Clint describes the purpose and role of the Interest Group and shows the introductory email which was sent to the 802-15-general-email list.

8:25 Noriyuki Sato (OKI) presents document 15-12-0268-01-wng

There is a question about how many people participate in IETF and the need for this activity.

Comment that 802.15 has already worked on mesh.

Comment from Myung Lee (CUNY) (Chair of 802.15.5) that interpretation of 802.15.5 in this presentations is not accurate, so presentation should be amended. He describes the inaccuracies.

Question: What are the Use cases that require L2R for AMI networks that are not covered by IP routing and the scope should not be limited to TG4g and TG4e?

Clint states that the interest group role is to determine whether there is sufficient interest to form a study group which would then determine the scope of the project.

Comment that 802.15.5 routes by MAC address - it has no knowledge of IP.

Comment that 802.1 is responsible for bridging. Request that this group ensures it coordinates with 802.1 to ensure we don’t go down the wrong path. What are the services that we expect from this, e.g. what is the broadcast service behavior, what about VLAN etc. The effort should start from the service requirements, not from packet formats. Recommend that group works with 802.1.

9:00 Paul Chilton (NXP) presents 15-12-0374-00-0l2r

Question about 64 bit vs. 48 bit addressing on last bullet of slide 6. Should 15.4 consider adding 48 bit addresses?

Comment: that we need to consider the impact on the higher layers of address format.

Question about using 802.11s - relies on the 3 address format of 802.11. Question of deployment of 802.11s.

Comment that there was a request for a Mesh under group in IETF to include diagnostics – is this in scope? Yes, it should be.

ITU-G.9956 LoadNG annex A of standard – defines a routing protocol for PLC networks on top of 802.15.4 -like MAC (based on P1901.2)

Suggestion that we ask ITU liaison for status of G.9956.

Paul comments that a “Mesh Under” that supports the underlying network to behave like Ethernet would be a benefit.

Comment: can a this group address all of 802.15 and not just 802.15.4

9:25: Robert Moskowitz (Verizon) presents 15-12-0391-00-0l2r

Discussion about management of IE numbering – 802.15. Tech editor is currently responsible for assigning IE numbering.

9:45 Clint recesses until Thursday AM1.