IEEE P802.22
Wireless RANs

|  |
| --- |
| Minutes of the teleconference on June 20, 2011 on regional area smart grid and critical infrastructure monitoring |
| Date: 2011-06-24 |
| Author(s): |
| Name | Company | Address | Phone | email |
| M. Azizur Rahman | NICT | 3-4 Hikari no oka, Yokosuka, Kanagawa, Japan | +81-46-847-5060 | aziz.jp@ieee.org |

Abstract

This document presents the minutes of the teleconference on June 20, 2011 on regional area smart grid and critical infrastructure monitoring.

**WG teleconference meeting minutes**

**Notice:** This document has been prepared to assist IEEE 802.22. 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 grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE’s name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE’s sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.22.

**Patent Policy and Procedures:** The contributor is familiar with the IEEE 802 Patent Policy and Procedures

<[**http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf**](http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf)>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair Apurva Mody <apurva.mody@ieee.org> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.22 Working Group. **If you have questions, contact the IEEE Patent Committee Administrator at <****patcom@ieee.org****>**.

**June 20, 9-10:30 PM ET**

**Attendees:**

Apurva Mody (BAE Systems), Ivan Reede (AmeriSys), Winston Caldwell (Fox), Jerry Kalke (CBS), Nancy Bravin (Self), Anthony Franklin (ETRI), Shigenobu Sasaki (Niigata University), Chang Woo Pyo (NICT), Zhang Xin (NICT), Chunyi Song (NICT), M. Azizur Rahman (NICT)

**Minutes:**

1. Meeting call to order by Apurva Mody
2. Chunyi Song presented the document 802.22-11-70r0 titled “Review of 802.11 & Comparison with 802.22 Smart Grid and Critical Infrastructure Monitoring”
3. The group appreciated the ideas of having CPEs with different capabilities in the proposed use cases. Especially, broadband service requires CPEs with high capabilities and, in contrary, CPEs used for monitoring purposes could be simpler.
4. There was a discussion on improving/extending the broadband service capabilities by increasing the data rate through channel aggregation.
5. There was a discussion on checking if 802.22 can be eligible for FCC waiver for some of the applications. If this is possible, then grabbing market in the US, especially, in those selected applications would be easier.
6. It was suggested that the example application scenario presented should be updated by adding the application areas 802.22 new study group might consider.
7. The group discussed what we might need to do to assure coexistence within 802 TVWS technologies. The opinion was that the approach should be to produce a coexistence assurance document for all other completed 802 standards in TVWS.
8. There was an opinion that presently there is no other TVWS standard within 802 except 802.22. Hence, what is the need to discuss distinction with ongoing projects in TVWS? There was also opinion that this is a requirement in 802.
9. Meeting adjourned by Apurva Mody