1 **Un-approved DRAFT 14th, March 2012**
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7 **IEEE APPROVES IEEE P802.22b AMENDMENT PROJECT FOR ENHANCED**
8 **BROADBAND SERVICES AND MONITORING APPLICATIONS USING TV**
9 **WHITESPACES**
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11 **PISCATAWAY, N.J., USA, 4th December 2011** – IEEE, the world's largest
12 professional association advancing technology for humanity, today announced that it
13 approved the IEEE P802.22b^{TM} Amendment Project for Enhanced Broadband Services
14 and Monitoring Applications. With this new enhancement, the IEEE 802.22™ Working
15 Group proposes to bring advanced wireless technologies and applications to rural and
16 under-served areas around the world.
17
18 The IEEE 802.22 Working Group has established Task Group 'b' for executing the
19 activities for this amendment Project Authorization Request (PAR). The new PAR aims
20 to enhance the IEEE 802.22-2011™ Standard capabilities to accommodate a wide
21 variety of applications using cognitive radio technology in Television White Spaces
22 (TVWS). These applications include long range and regional area smart grid, critical
23 infrastructure monitoring, triple play services like providing voice, video and data,
24 backhaul for broadband access, offloading cellular telephony traffic, regional area public
25 safety and homeland security networks, emergency broadband services, monitoring rain
26 forests, monitoring livestock, border protection etc.
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28 IEEE P802.22b Task Group is making calls for contribution from interested participants
29 for the development of this standard. The group begins work on this project from the
30 March IEEE 802 plenary session.
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32 Additional information on this amendment PAR can be found on the IEEE 802.22 WG
33 webpage.
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39 **About the IEEE Standards Association**
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41 IEEE, develops consensus standards through an open process that engages industry
42 and brings together a broad stakeholder community. IEEE standards set specifications
43 and best practices based on current scientific and technological knowledge. The IEEE-
44 SA has a portfolio of over 900 active standards and more than 500 standards
45 under development. For more information visit http://standards.ieee.org/.
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