IEEE APPROVES IEEE P802.22b AMENDMENT PROJECT FOR ENHANCED BROADBAND SERVICES AND MONITORING APPLICATIONS USING TV WHITESPACES

PISCATAWAY, N.J., USA, 4th December 2011 – IEEE, the world’s largest professional association advancing technology for humanity, today announced that it approved the IEEE P802.22b™ Amendment Project for Enhanced Broadband Services and Monitoring Applications. With this new enhancement, the IEEE 802.22™ Working Group proposes to bring advanced wireless technologies and applications to rural and under-served areas around the world.

The IEEE 802.22 Working Group has established Task Group ‘b’ for executing the activities for this amendment Project Authorization Request (PAR). The new PAR aims to enhance the IEEE 802.22-2011™ Standard capabilities to accommodate a wide variety of applications using cognitive radio technology in Television White Spaces (TVWS). These applications include long range and regional area smart grid, critical infrastructure monitoring, triple play services like providing voice, video and data, backhaul for broadband access, offloading cellular telephony traffic, regional area public safety and homeland security networks, emergency broadband services, monitoring rain forests, monitoring livestock, border protection etc.

IEEE P802.22b Task Group is making calls for contribution from interested participants for the development of this standard. The group begins work on this project from the March IEEE 802 plenary session.

Additional information on this amendment PAR can be found on the IEEE 802.22 WG webpage.


About the IEEE Standards Association
The IEEE Standards Association, a globally recognized standards-setting body within IEEE, develops consensus standards through an open process that engages industry and brings together a broad stakeholder community. IEEE standards set specifications and best practices based on current scientific and technological knowledge. The IEEE-SA has a portfolio of over 900 active standards and more than 500 standards under development. For more information visit http://standards.ieee.org/.
About IEEE
IEEE, the world’s largest technical professional association, is dedicated to advancing technology for the benefit of humanity. Through its highly cited publications, conferences, technology standards, and professional and educational activities, IEEE is the trusted voice on a wide variety of areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics. Learn more at http://www.ieee.org.