First Draft for IEEE P1901™ Broadband Over Power Lines Standard Created by Working Group

Draft Standard to be Circulated for Comment Before Sponsor Ballot

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PISCATAWAY, N.J., USA, 30 July 2009 -- The IEEE P1901™ Working Group has agreed to circulate for approval the first draft for IEEE's first PHY/MAC standard related to Broadband Over Power Lines (BPL), IEEE Std 1901™, "Draft Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications."

At the recent meeting in Tokyo, Japan, the Working Group has agreed with more than 82% majority vote to convert the working specifications into the first IEEE P1901 BPL draft standard and to conduct a vote on whether the Draft is ready to go to Sponsor Ballot. Votes and comments are due by September 14.

"This is a major milestone," says Jean-Philippe Faure, chair of the IEEE P1901 Working Group. "Main development is completed and finalization now starts through successive rounds of circulations for vote and comment."

The draft is based on field proven technologies using FTT and Wavelet OFDM modulation schemes. It provides high performance and robust communications with privacy and high quality of service.

"This is a comprehensive specification that addresses all BPL applications including LANs, Smart Grid networks and Broadband access," says Faure. "The draft fully meets the over 400 technical requirements developed by the experts in these areas. The coexistence and interoperability part ensures all equipment and devices used on BPL networks are compatible." The draft also provides seamless integration with other communication media, such as Wi-Fi and Ethernet.

The Working Group will next meet in Boston, Mass., on 13-16 October 2009.

IEEE P1901™ is sponsored by the Standards Committee of the IEEE Communications Society.

About the IEEE Standards Association

The IEEE Standards Association, a globally recognized standards-setting body, 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 400 standards under development. For information on the IEEE-SA, see: http://standards.ieee.org.

About the IEEE Communications Society

The IEEE Communications Society (ComSoc), with over 40,000 members worldwide, is a global community comprised of a diverse group of industry and academia professionals with a common interest in advancing all communications technologies. To that end, the Society sponsors publications, conferences, certification, educational programs, local activities, and technical committees, as well as standardization projects in communications and networking.

About IEEE

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