

IEEE 802 LAN/MAN Standards Committee

Roger B. Marks
IEEE 802 China Liaison Official
r.b.marks@ieee.org

To: Zhou Baoxin, CCSA
Lin Ning, CESI

CC: • Wen Ku, MII
• Liu Shuangqiu, SAC
• Paul Nikolich, Chair, IEEE 802

SUBJECT: Update on IEEE 802 Activities

DATE: 7 October 2006

IEEE 802 would like to update you on some of its recent activities.

The IEEE 802 Plenary took place in San Diego, CA, USA on 16-21 July 2006. The attendance was approximately 1300. For a high-level summary of the results, I refer you to the session reports at:

<http://ieee802.org/minutes/jul2006>

Please feel free to circulate this information. We welcome your suggestions on how we can increase contacts and communications with Chinese standardization bodies, including at the detailed technical level.

Some highlights are presented in the attachment. I would like to call your particular attention to the activities in the 802.1 and 802.15 Working Groups, since they are directly related to China.

I would also like to inform you that the IEEE has decided to proceed with the development of an IEEE China Office, to be located in the Haidian District of Beijing. This “representative office” will primarily support the activities of the IEEE Computer Society and the IEEE Standards Association.

IEEE 802 renews its invitation for collaboration in the development of networking standards, including wireless LAN standards. IEEE 802 appreciates the contributions that have been made to its progress by Chinese professionals and seeks enhanced participation by Chinese technical experts. It also welcomes information on the technical requirements of the Chinese government and marketplace.

Best regards,

Roger B. Marks
IEEE 802 China Liaison Official

Attachment: Update on IEEE 802 Activities

- On 16-21 July 2006, in San Diego, CA, USA, IEEE 802 met in a Plenary Session, as it does each March, July, and November. This included meetings of Working Groups 802.1, 802.3, 802.11, 802.15, 802.16, 802.17, 802.21, and 802.22, as well as Technical Advisory Groups 802.18 and 802.19. The attendance was about 1300 people. For a high-level summary of the results, see <<http://iee802.org/minutes/jul2006>>. For information on future sessions, see <<http://iee802.org/meeting>>.
- The IEEE 802.1 Working Group on Higher Layer LAN Protocols <<http://iee802.org/1>> held a successful meeting in Beijing, China on 15-18 May 2006, along with the 802.3as and 802.3ar Task Forces.
- The IEEE 802.3 Ethernet Working Group <<http://iee802.org/3>> continued work on several topics and initiated the creation of a Higher Speed Study Group to consider enhancements to greater than 10 Gb/s MAC data rate.
- The IEEE 802.11 Working Group on Wireless Local Area Networks <<http://iee802.org/11>> is actively working on many issues pertaining to wireless LANs, including High Throughput (TGn [Task Group n]), Vehicular Applications (TGp), Fast BSS Transition (TGr), Mesh Networking (TGs), improved Network Management (TGv), and Security Extensions for Network Management (TGw).
- Within the IEEE 802.15 Working Group on Wireless Personal Area Networks (WPAN) <<http://iee802.org/15>>, a new Study Group (Study Group 4c) has been initiated to investigate an amendment to IEEE 802.15.4-2006 to support the 779-787 MHz, 430-432 MHz, and 433-434.79 MHz bands that it understands have been approved for the operation of WPAN equipment within the People's Republic of China. The Study Group is collaborating with the WPAN Standard Working Group under China's National Information Technology Standardization Technical Committee (NITS). It welcomes additional information on the details of Chinese regulations. Clint Powell <Clinton.Powell@freescale.com> serves as Chair.
- The IEEE 802.16 Working Group on Broadband Wireless Access <<http://iee802.org/16>> continued progress on many projects, including multihop relay specifications, license-exempt coexistence, and network management.
- The IEEE 802.17 Resilient Packet Ring Working Group <<http://iee802.org/17>> made progress on the P802.17b project.
- The IEEE 802.18 Coexistence Technical Advisory Group <<http://iee802.org/18>> prepared input to a regulatory body in New Zealand and prepared several contributions to ITU-R.
- The IEEE 802.19 Coexistence Technical Advisory Group <<http://iee802.org/19>> reviewed two coexistence assurance documents. It also approved a procedure for developing a Recommended Practice on methods of assessing coexistence of wireless networks.
- The IEEE 802.20 Working Group on Mobile Broadband Wireless Access <<http://iee802.org/20>> did not meet since the activity is under suspension by the IEEE-SA Standards Board.
- The IEEE 802.21 Working Group on Media Independent Handover Services <<http://iee802.org/21>> presented an overview tutorial <http://iee802.org/802_tutorials/july06/802%2021-IEEE-Tutorial.ppt>, continued to develop a draft, and communicated with other working groups.
- The IEEE 802.22 Working Group on Wireless Regional Area Networks <<http://iee802.org/22>> made progress toward the development of its first P802.22 draft.