IEEE LAN/MAN Standards Report to the Computer Society Standards Activity Board
03 June 2014

Executive Summary:
802 LMSC remains healthy and active with about 45 market driven concurrent standards development activities and about 800 active participants. Since the February CS SAB meeting LMSC held one plenary session in Beijing China in March and two interim sessions. Cumulative attendance at these sessions was a little lower than usual, about 650 versus our typical 800. The next plenary session is scheduled for July in San Diego.

Highlights:
- IEEE 802.1 Bridging Working Group is making progress on Time Sensitive Networking Projects and strengthening collaboration with the IETF. I expect the IEEE 802 LMSC and the IETF work jointly on projects to “strengthen the Internet”.
- IEEE 802.3 Ethernet Working Group is leading activities to address the emerging vehicular networking and industrial automation markets along with next-generation optical access networks and 400Gbps optical PHY for data center applications. New study groups have been established for plastic optical fiber and 100Mbps single twisted pair.
- IEEE 802.11 WLAN Working Group High Efficiency WLAN project was formally approved by the IEEE Standards Board on March 20, 2014. Task Group elections were held at the May 2014 interim session. The TV Whitespace amendment was ratified at the March SASB meeting.
- IEEE 802.15 WPAN Working Group 100Gbps Wireless PHY PAR approved along with TV Whitespace standard ratified at the March SASB meeting.
- IEEE 802.24 Smart Grid Technical Advisory Group is hosted a “nuts and bolts of Internet of Things” activity to explore interest and identify specific needs for this particular vertical network application area. This has resulted in discussion to expand the scope of 802.24 to ‘vertical network applications’.
- Formal IEEE 802 Standing Committees established on 802/ITU topics, 802/IETF topics, and 802/ISO topics, which are chaired by Glenn Parsons/Ericsson, Pat Thaler/Broadcom, and Andrew Myles/Cisco, respectively.
- The IEEE 802 Executive Committee approved a high level liaison outreach to the 3GPP organization liaison which is intended to open a communication channel between the IEEE 802 and 3GPP organizations.
- IEEE 802 elections held and new chairs were selected for the IEEE 802.1 Bridging (Glenn Parsons/Ericsson) and IEEE 802.11 WLAN (Adrian Stephens/Intel) Working Groups. Paul Nikolich re-elected Chairman of IEEE 802 LAN/MAN Standards.

For detailed information see www.ieee802.org.

Regards,

Paul Nikolich
Chairman IEEE 802 LMSC