IEEE 802.16 Session #60 Report

IEEE 802.16's Session #60 was held 9-12 March 2009 in Vancouver, BC, Canada. This was an IEEE 802 LMSC Plenary Session and co-located with sessions of the other IEEE 802 Working Groups and Technical Advisory Groups. The attendance has not yet been calculated.

Note: This is a pre-release addition. It is reasonably complete and accurate, but many links are currently inactive.

Task Group m (TGm): Advanced Air Interface
Task Group m (TGm) continued its work in the development of the P802.16m project to amend the IEEE 802.16 WirelessMAN-OFDMA specification to meet IMT-Advanced requirements while offering continuing support for legacy WirelessMAN-OFDMA equipment. Following comment resolution, new versions of the draft System Description Document (SDD) and P802.16m Amendment Working Document (AWD) were authorized. New Drafting Groups were established on Handover, ARQ, HARQ Protocol, Power Conservation, Connection Management/QoS, and Power Control/Link Adaptation. A Call For Comments on the SDD and a Call for Contributions on selected technical areas of the AWD will follow. Revisions to the workplan were agreed. The TG issued a closing report, with minutes to follow.

License-Exempt Task Group
Following comment resolution in the License-Exempt Task Group, the Working Group agreed to issue a new draft P802.16h/D9 for Sponsor Ballot recirculation. A closing report was issued, with minutes to follow.

Maintenance Task Group
The Maintenance Task Group has completed the development of the P802.16Rev2 project to revise IEEE Std 802.16, and P802.16Rev2/D9 has been submittal for approval by the IEEE-SA Standards Board. The Task Group met to consider several proposed change requests submitted according to the 802.16 Working Group Maintenance Process. As a followup to maintenance input received, a liaison statement was agreed for submittal to the WiMAX Forum. A closing report and minutes were issued.

Relay Task Group
The Relay Task Group has completed the development of the 802.16j project to amend IEEE Std 802.16, and P802.16j/D9 has been submittal for approval by the IEEE-SA Standards Board. The Task Group met to draft resolutions to editorial comments received during recirculation; the resulting recommendations will be forwarded to IEEE editorial staff for consideration. A closing report was issued, with minutes to follow.

Working Group Ad Hoc Committee on Network Robustness and Reliability
The Working Group Ad Hoc Committee on Network Robustness and Reliability met for the second time. It presented a closing report and was renewed through the next WG session.

Liaison Activities

The ITU-R Liaison Group met through the week and prepared a number of documents, as noted below. For

more details, see the ITU-R Liaison Group Report. José Costa resigned as Chair of the ITU-R Liaison Group, and the WG is seeking a replacement. Reza Arefi served as Acting Chair during Session #60.

Following a call for contributions and a correspondence activity, the ITU-R Liaison Group develop initial drafts of IMT-Advanced submission content. In preparation for Session #61, it issued a Call for Comments and Contributions on those drafts.

The following ITU contributions were approved by the IEEE 802.16 WG, the IEEE 802.18 TAG, and the IEEE 802 Executive Committee, subject to suitable editorial revision:

- IEEE L802.16-09/0026r1
  Response to Liaison Statement from Working Party 5A on BWA Characteristics for use in Compatibility Studies with Fixed-Satellite Service Systems in the 3400-4200 MHz Band
- IEEE L802.16-09/0027r1
  Response to Liaison statement from Working party 5D on IMT parameters in the 790-862 MHz band
- IEEE L802.16-09/0029r1
  Revision of Recommendation ITU-R M.1801
- IEEE L802.16-09/0031
  On Submission of Candidate IMT-Advanced RIT based on IEEE Project 802.16m
- IEEE L802.16-09/0032
  Response to Liaison statement from Working party 5A on Invitation for Contributions on the Proposed Draft New Report ITU-R M.[LMS.PPDR.UHF TECH]
- IEEE L802.16-09/0033r2
  Update of OFDMA TDD WMAN in Revision 9 of Recommendation ITU-R M.1457

Other liaison issues during Session #60 included:

- The ITU-R Liaison Group Workplan was updated.
- The WG issued a statement to the ARIB IMT-Advanced Subcommittee with an update on IMT-Advanced preparations.
- The WG issued a Liaison Statement to the WiMAX Forum with an update on ITU-R related activities.
- David Johnston resigned as IETF Liaison. The WG is seeking a replacement.

Working Group Treasury
The Working Group agreed to begin operating with a treasury. Scott Migaldi will serve as Treasurer.

Future Meetings

- IEEE 802.16's Session #61 will take place on 4-7 May in Cairo, Egypt. This will be an Interim Session of the Working Group. The session is hosted by Fadel Digham and Ahmed Shalash, with the National Telecom Regulatory Authority of Egypt (NTRA) as Host and Cairo University as co-host. Registration, hotel reservation, and visa invitation letter services were opened.
- IEEE 802.16's Session #62 will take place on 13-16 July 2009 in San Francisco, California, USA in conjunction with the IEEE 802 Plenary Session.
- IEEE 802.16's Session #63 will take place on 31 August - 3 September in Jeju, Korea. This will be an Interim Session of the Working Group. The session is hosted by Hokyu Choi, with Samsung as Corporate Host.
- The WG agreed to schedule Session #63.5 on 21-24 September 2009 in Waikoloa on the Big Island of Hawaii, USA. The session will be co-located with sessions of other IEEE 802 wireless-oriented WGs and TAGs.
- IEEE 802.16's Session #64 will take place on 16-19 Nov 2009 in Atlanta, Georgia, USA in conjunction with the IEEE 802 Plenary Session.
- The WG accepted a proposal to hold IEEE 802.16's Session #65 on 11-14 Jan 2010 in La Jolla, San Diego, CA, USA. The IEEE 802 LMSC serves as Host. Additional sponsors are welcome to participate; contact Roger Marks with suggestions.
- IEEE 802.16's Session #66 will take place on 15-18 March 2010 in Orlando, Florida, USA in conjunction

with the IEEE 802 Plenary Session.

Working Group Minutes
The Working Group Session #60 minutes, as recorded by Acting Secretary Herbert Ruck, will be available soon.

IEEE 802 Executive Committee Actions
The results of the Working Group's requests at the 802 LMSC Executive Committee meeting of 13 March are available.

Documents
The Session #60 Document Guide includes references to all session documents. Draft standards are available with a working group password or by purchase from IEEE-SA. Most IEEE 802.16 standards are available for free download via the Get IEEE 802® program. See the 802.16 publication list for details of published standards and drafts.

About IEEE 802.16
The IEEE 802.16 Working Group on Broadband Wireless Access Standards has developed and is enhancing the **WirelessMAN®** Standard for wireless metropolitan area networks. IEEE 802.16 is a unit of the IEEE 802 LAN/MAN Standards Committee, the premier transnational forum for wired and wireless networking standardization. A list of IEEE 802.16 standards and drafts is available on-line, as is an archive of previous Session Reports. The IEEE 802.16 Interactive Calendar includes sessions and deadlines.

"802.16 News" Mailing List
The "802.16 News" mailing list ("stds-802-16-news") has the sole purpose of distributing major announcements related to the Working Group. Those interested in following the progress of the group but not in the day-to-day details may wish to subscribe. Only the Working Group Chair is eligible to post to the list, and mailings will be rare: once after each bimonthly session and additionally for major news, such as the approval of a new standard. Those subscribing to the stds-802-16 mailing list, for active Working Group participants, need not subscribe to stds-802-16-news since the postings will be redundant.

With the approval of the IEEE 802.16 Working Group, this report (14 March 2009 pre-release) was drafted and edited by:

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