Project	IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>
Title	Minutes of IEEE 802.16 Session #47
Date Submitted	2007-02-21
Source(s)	Peiying Zhu Nortel — Voice: +1 613 7658089 mailto:pyzhu@nortel.com
Re:	IEEE 802.16 Session #47 Minutes (London, UK)
Abstract	
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #47
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures <http://ieee802.org/16/ipr/patents/policy.html>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <mailto:chair@wirelessman.org> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site <http://ieee802.org/16/ipr/patents/notices>.

Minutes of IEEE 802.16 Session #47

IEEE 802.16 Working Group
London, UK
15 – 18 January 2007

IEEE 802.16 Session #47 Opening Plenary Meeting

Monday 15 January 2007

Call to Order

The meeting was called to order by Working Group (WG) Vice Chair (Acting Chair for Session #47) Jose Puthenkulam at 1:05 pm. He welcomed attendees to Session #47 of the IEEE 802.16 WG. Jose provided the URL for the opening plenary agenda <http://ieee802.org/16/meetings/mtg47/opening.html>. Jose introduced himself and Secretary Peiying Zhu and explained that Working Group (WG) Chair Roger Marks was absent due to his attendance at the ITU-R Working Party 8F meeting this week to present the contributions developed by the IEEE 802.16 WG.

The slides, prepared by WG Chair (Roger Marks) to guide the meeting during the Opening Plenary, are available in document IEEE 802.16-07/003.

The Acting Chair outlined networking, logistical and registration issues. He instructed that all attendees must have a clearly visible name badge while on the meeting floors and during the social.

Membership and Voting

The electronic attendance sign-in log procedure was explained by Jose. Ten attendance intervals [Mon pm; Mon evening; Tue am; Tue pm; Tue evening; Wed am; Wed pm; Thu am; Thu pm; Thu evening]. "Participation" Requirement: seven intervals (rounded down from 75%). The membership ID displayed on the badge is required for electronic log. Interval is based on clock time with slight grace periods. On-line database is the official record; do not request exceptions.

Attendance credit will be granted **to 802.16 members** for participation in IEEE 802.18, 802.19, and 802.21. Attendees are responsible to record this in the IEEE 802.16 attendance log and forward proof of participation to WG Chair Roger Marks by Friday 19 Jan. 2007.

The lists of WG Members, Potential Members, Members in Peril, and Observers were explained by the Acting Chair. Name badges for members were annotated with "M.16" and doubled as voting tokens.

The Acting Chair then reviewed the agenda and asked for comments or concerns on the agenda. No comments were received.

Approvals

Motion (at 1:34pm): To approve the Opening Plenary Meeting Agenda on the 802.16 web site <http://ieee802.org/16/meetings/mtg47/opening.html>, proposed by Mariana Goldhamer, seconded by David Johnston, approved by unanimous voice vote.

Jose reviewed the draft minutes of Session #46. Jose asked for comments. No comments were received.

Motion (at 1:39pm): To approve the minutes of Session #46 (IEEE 802.16-06/084), proposed by Ken Stanwood, seconded by David Johnston, motion passed by 60/0/0.

Chair's Status Report
See Chair's slides (IEEE 802.16-06/003).

IEEE 802 P&P issues
Jose highlighted parts of the IEEE 802 Policies and Procedures (P&P) as shown in the opening slides in document IEEE 80216-07/003, in particular, related to WG operation, Chair's function, WG Rules such as working group domination, copyrights, contribution procedures, and restrictive notices.

Legal Announcements
The following advice was provided by the Acting WG Chair concerning IEEE Standards Association (IEEE-SA) rules regarding patents:

- The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the IEEE-SA Standards Board Bylaws;
- Early disclosure of patents which may be essential for the use of standards under development is encouraged;
- Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be essential for the use of standards under development.

Slide #1 ("IEEE-SA Standards Board Bylaws on Patents in Standards") and Slide #2 ("Inappropriate Topics for IEEE WG Meetings") were shown (slides included February 2006 revisions by Standards Board).

An opportunity was provided for WG members to identify or disclose patents that the WG member or any participants believes may be essential for the use of that standard. There were no responses to this announcement.

Review of Session #46 report
Jose encouraged people to review Session #46 report <http://ieee802.org/16/meetings/mtg46/report.html>.

The IEEE-SA standards board approved the 802.16m PAR on 6 Dec. 2006 following approval of IEEE 802 EC in email ballot.
Task Group m (TGm) was created to develop P802.16m. The WG Chair had called for volunteers to serve as officers for TGm. The WG chair named Brian Kiernan as the acting chair and intends to ask him to continue as TGm Chair. The rest of officers will be named after Session #47.

IEEE Std 802.16/Conformance04-2006 was published on 15 January 2007. The acting chair expressed thanks for Herbert Ruck's contribution as the editor.

Schedule for the Week

The schedule for the week was presented for the various task groups and ad hoc groups
<http://dot16.org/calendar/week.php?date=20070115>.

NetMan Task Group

The NetMan TG draft agenda for the week was presented by the TG Chair Phil Barber (document IEEE 802.16netman-07/001).

Phil presented the sponsor ballot status of P802.16g/D6. The 802.16g/D6 ballot has not closed due to insufficient voting ratio (< 75%). Phil displayed the list of 802.16 WG members who have not voted and requested that people on the list vote immediately.

P802.16k/D4 was completed and submitted to RevCom (IEEE 802.16-07/001), which will address it on 21 March 2007.

Phil mentioned some potential motions in consideration for the closing plenary.

License-Exempt Task Group

The LE TG Chair, Mariana Goldhamer, reviewed the results of WG Letter Ballot #24
<http://ieee802.org/16/le/ballot24/report24.html>, progress made in the last session, and a summary of ad hoc activities after Session #46. She then presented the plan for the week and expected Closing Plenary motions (IEEE 802.16h-07/002).

Relay Task Group

The Relay Task Group draft agenda for the week was presented by the TG Chair Mitsuo Nohara (IEEE 802.16j-07/001). He reviewed the status of P802.16j and the plan for moving forward.

Maintenance Task Group

The Maintenance TG Chair, Jonathan Labs, presented the opening report (IEEE 802.16maint-07/001r1,). Jon reviewed two motions approved in the last WG Closing Plenary (Session #46), the progress since Session #46, and the status of the draft P802.16-2004/Cor2/D1. Jon reminded the members that the call for comments on the draft will close today at 11 pm local time. Jon reviewed an additional possible motion on authorizing the WG chair to resolve any recirc comments, showing Roger's email on this issue
<http://ieee802.org/16/arc/802-16list2/msg03983.html>. Jon presented the proposed schedule for the week and expected motions in the closing plenary.

TGm

The acting TGm Chair, Brian Kiernan, explained that the 802.16m PAR has been approved and is available on the web site. The IEEE 802.18 TAG is organizing a meeting tomorrow to coordinate input from IEEE 802 regarding IMT-Advanced requirements. Brian discussed his plan for the week. Brian asked for volunteers for TGm officers (Chair, Vice Chair, Editor, and Secretary).

Project Planning Committee

The Project Planning Committee Chair, Brian Kiernan, presented the plan for the week. There will be discussions on an 802.16 revision PAR. Brian suggested having a joint session with the Maintenance TG on Thursday afternoon. Jon agreed to discuss the revision issue in the Maintenance TG before Thursday.

Charge to Task Groups: Actions and Reporting

The TG Chairs were asked to ensure that minutes are recorded, previous minutes are approved, start and finish times are recorded for their meetings, motions are posted in advance, and motion times are recorded.

Future Sessions <http://ieee802.org/16/calendar.html>

- Session #48: 12-15 March 2007: Orlando, FL, USA with IEEE 802 Plenary Session. Registration is open.
- Session #49: 7-10 May 2007: IEEE 802.16 Interim Session, Portland, OR, USA, hosted by Jose Puthenkulam of Intel. Note that the date is changed from the original plan to accommodate the May ITU-R WP 8F meeting.
- Session #50: 16-19 July 2007: San Francisco, CA, USA with IEEE 802 Plenary Session
- Session #51; 17-20 Sept 2007: Malaga, Spain, hosted by Gordon Antonello of AT4 Wireless. Expecting details in the form of session checklist.

Schedule for the Week

Jose will update the agenda as agreed.

New Business

No new business.

IEEE 802.16 Session #47 Closing Plenary Meeting

Thursday 18 January 2007

Call to Order

Jose called the meeting to order at 7:18 pm.

Approval of Agenda

The Closing Plenary agenda (<http://ieee802.org/16/meetings/mtg47/closing.html>), was reviewed.

Motion (7:20pm): To approve the Closing Plenary Meeting Agenda on the server, proposed by Jon Labs, seconded by John Humbert, passed by unanimous voice vote.

Administrative announcements

Session #48 registration is open. Jose encouraged people to register early since the hotel is close to full.

Project Planning Committee

The Project Planning Committee Chair Brian Kiernan presented the closing report (IEEE 802.16-07/005).

The changes to the 802.16 Revision PAR were explained.

Motion (7:26pm):

"To authorize the WG Chair forward the 802.16 Revision PAR, IEEE C802.16-07/001r2, to the IEEE 802 EC for approval at the March Plenary and forwarding to NesCom", proposed by Brian Kiernan, seconded by Phil Barber.

There were some discussions on the timing of the submission for approval.

Motion Passed: 39/1/0

TGm

A report was presented by the TG Chair Brian Kiernan (IEEE 802.16m-07/006). The initial work plan for the P802.16m development was approved (80216m-07/001), but it may be changed. The task group generated a draft P 802.16m requirements document (IEEE 802.16m-07/002).

Brian reviewed the Call for Contributions on Requirements (IEEE 802.16m-07/004) and noted that the deadline is Feb 23.

Brian reviewed the call for Call for Contributions on Evaluation Methodology and Key Criteria (IEEE 802.16m-07/005r1). The deadline is March 5.

Maintenance Task Group

A report was presented by TG Chair Jon Labs (IEEE 802.16maint-07/005).

Motion (at 7:53pm): *"To accept the database 80216-07_004r1.cmt as the comment resolutions for the comments from the call for comments on P802.16-2004/Cor2/D1, and to open a Working Group Recirculation Letter Ballot on that draft P802.16-2004/Cor2/D1 as modified by the comment resolutions in 80216-07_004r1.cmt."*, proposed by Jon Labs, seconded by Joe Schumacher.

Motion passed 49/0/0.

Job reviewed three options for the proposed schedule for Cor2 (IEEE 802.16maint-07/005).

Motion (at 8:20 pm): *"To request the WG to form a Letter Ballot Resolution Committee from all WG members who choose to participate in scheduled conference call meetings with roll call votes."*, proposed by Jon Labs, seconded by Joe Schumacher.

Phil asked the practicality of the conference call with large number of participants. He recommends not doing so. Phil made a friendly amendment to the motion:

"To request the WG chair to form a BRC to resolve comments received as part of the WG LB recirculation #23a, to authorize the revision of the draft P802.16-2004/Cor2/D2 as modified by the comment resolutions from the BRC, to reissue the draft as P802.16-2004/Cor2/D3, and to authorize the initiation of LB#23b"

Both Jon and Joe accepted the amendment.

Motion passed: 45/0/0

Relay Task Group

A report was made by the Relay TG Chair Mitsuo Nohara (IEEE 802.16j-07/005).

NetMan Task Group

A report on the P802.16g and P802.16i projects was made by the TG Chair Phillip Barber (IEEE 802.16netman-07/003).

Motion (8:46 pm):

"To develop and issue the Draft document P802.16g/D7 based on the resolution of comments as recorded in 802.16-007r4, and to authorize the WG Chair to initiate a Sponsor Ballot on the Draft, to close around February 11, 2007.", Proposed by Phil Barber, seconded by John Humbert.

Motion passed by 46/0/0.

Motion (8:49 pm):

"To authorize the Working Group Chair to establish a Ballot Resolution Committee to resolve any comments received as part of the Sponsor Ballot recirculation on P802.16g/D7; to authorize the Editor to revise P802.16g/D7 in accordance with the Ballot Resolution Committee's resolution of any comments received on the Sponsor Ballot on P802.16g/D7 and reissue the document as P802.16g/D8; to authorize the Working Group Chair to initiate a Sponsor Ballot recirculation on P802.16g/D8, to close around March 11, 2007", Proposed by Phil Barber, seconded by David Johnston.

Motion passed by 42/0/0.

Motion (8:51 pm):

To approve 802.16i-07/002 as the Working Group Draft, reissuing the document as P802.16i/D1, and initiating a Working Group Letter Ballot on the Draft. Proposed by Phil Barber, seconded by David Xiang.

Motion passed by 48/0/0

License-Exempt Task Group

A report was made by the TG Chair Mariana Goldhamer (IEEE 802.16h-07/003r1).

Motion (8:59 pm):

To authorize the LE TG Editor to create IEEE P802.16h/D2 based on the comment resolutions in IEEE 802.16-068/r4 and to authorize the WG Chair to initiate Letter Ballot recirculation based on P802.16h/D2, proposed by Mariana Goldhamer, seconded by Panyuh Joo

Motion passed by 33/0/0

Liaisons

Ken Stanwood proposed a liaison letter to the 802.11 WG requesting a joint 802.11y/802.16h meeting (IEEE L802.16-07/002d2).

Naftali Chayat suggested sending the letter tomorrow so that it can be discussed in the 802.11 plenary. Jose mentioned that it may need Roger's signature.

Motion (9:08pm): "To approve the liaison letter in document L802.16-07/002d2 to be sent by the WG chair to 802.11 WG chair", proposed by Ken Stanwood, seconded by Mariana Goldhamer.

Motion passed by 36/0/0

Jose reviewed a proposed liaison letter to IANA regarding ifType and transmission OIDs.

Motion (9:10pm): "To approve the liaison letter in document L802.16-07/001d1 to be sent by the WG chair to Michelle Cotton, IANA", proposed by David Johnston, seconded by Panyuh Joo.

Motion passed by 36/0/0

Jose reviewed a proposed liaison letter to Colin Langtry, Counsellor, Radiocommunication Study Group 8, International Telecommunication Union.

Motion (9:14pm): "To approve the liaison letter in document L802.16-07/003d1 to be sent by the WG chair to 802 EC for approval and to forward it to Colin Langtry, Counsellor Radiocommunication Study Group 8, International Telecommunication Union", proposed by Matthew Sherman, seconded by Brian Kiernan.

Motion passed by 25/0/0

The IETF issue was added into the agenda without objection.

David Johnston reported the activities related to IETF 16ng WG (document IEEE L80216-07/004).

Future Sessions <http://ieee802.org/16/calendar.html>

(Motion 10:18pm): To approve the WG to conduct business with or without Quorum at Session #47, proposed by Phil Barber, seconded by Jon Labs, approved by unanimous consent.

Session #47: 15-18 January 2007: London, UK with IEEE 802 Joint Interim Session
Session #48: 12-15 March 2007: Orlando, FL, USA with IEEE 802 Plenary Session
Session #49: 07-10 May 2007: IEEE 802.16 Interim Session, Portland, OR, USA, hosted by Jose Puthenkulam
The meeting host, Jose, emphasized that the meeting date had been changed from the original dates. Jose explained the meeting logistics, registration, hotel etc.
Session #50: 16-19 July 2007: San Francisco, CA, USA with IEEE 802 Plenary Session
Session #51: 17-20 Sept 2007: IEEE 802.16 Interim Session, Malaga, Spain
Jose presented the proposal checklist on behalf of the host, Gordon Antonello.

Publicity
Jose discussed the session report.

New Business

Andy Molisch asked whether there was any feedback from ITU on the channel model. Jose said that he did not have any information.

Closing

A Motion (at 9:43 pm) to adjourn the meeting was made by David Johnston, seconded by Phil Barber, and carried by unanimous voice vote. The meeting was adjourned at 9:44 pm on 18 January 2007.

Web References

Session #47 Web Page
   http://ieee802.org/16/meetings/mtg47
Session #47 Attendance and Participation List
   http://ieee802.org/16/meetings/mtg47/reglist.html
Session #47 Report
   http://ieee802.org/16/meetings/mtg47/report.html