

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Minutes of IEEE 802.16 Session #51</b>	
Date Submitted	<b>2007-10-19</b>	
Source(s)	Peiyong Zhu Nortel	Voice: +1 613 7658089 <a href="mailto:pyzhu@nortel.com">mailto:pyzhu@nortel.com</a>
Abstract	IEEE 802.16 Session #51 Minutes (Malaga, Spain)	
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #51. For approval at Session #52.	
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-SA Patent Policy and Procedures: < <a href="http://standards.ieee.org/guides/bylaws/sect6-7.html#6">http://standards.ieee.org/guides/bylaws/sect6-7.html#6</a> > and < <a href="http://standards.ieee.org/guides/opman/sect6.html#6.3">http://standards.ieee.org/guides/opman/sect6.html#6.3</a> >. Further information is located at < <a href="http://standards.ieee.org/board/pat/pat-material.html">http://standards.ieee.org/board/pat/pat-material.html</a> > and < <a href="http://standards.ieee.org/board/pat">http://standards.ieee.org/board/pat</a> >.	

## Minutes of IEEE 802.16 Session #51

IEEE 802.16 Working Group

Malaga, Spain

17 – 20 Sept 2007

### IEEE 802.16 Session #51 Opening Plenary Meeting

17 September 2007

#### Call to Order

The meeting was called to order by Working Group (WG) Chair Roger Marks at 11:30 am. He welcomed the attendees to Session #51 of the IEEE 802.16 WG. Roger provided the URL for the opening plenary agenda <<http://ieee802.org/16/meetings/mtg51/opening.html>>. Roger introduced himself, WG Vice Chair Jose Puthenkulam, and Secretary Peiyong Zhu.

Roger outlined the networking, logistical, and registration issues. It was requested that future meeting hosts ensure that American Express be accepted for registration.

#### Membership and Voting

The lists of WG Members, Potential Members, Members in Peril, and Observers were reviewed by the Chair. Roger noted that some member names were marked with provisional status, indicating that their memberships will be deleted due to their failure to provide affiliation disclosure despite of repeated email notices from the WG Chair. Roger also displayed a list of participants who will lose their attendance credit due to lack of affiliation disclosure. Membership voting tokens were not ready due to a printing issue. Roger instructed that voting (if any) will be on an honour base until the voting tokens are distributed.

The electronic attendance sign-in log procedure was explained by Roger. Roger emphasised that the affiliation field in the sign-in log must be filled based on the IEEE-SA affiliation disclosure requirements, as detailed on the Opening Plenary Agenda. The session is planned to include eight attendance intervals [Mon - Thu; before lunch (before 14:00); after lunch (after 15:00)]. The "Participation" Requirement, nominally 75%, will be satisfied with six intervals. Roger emphasized the importance of using the correct names and Member ID upon signing, in order to receive the correct attendance credits. The membership ID is not displayed on the badge at this session. The correct membership ID is required for the electronic log. The first-time attendees were instructed to use their name in the ID field. Those who forget their membership ID may email Roger to get it.

The interval is based on clock time (with the server time offset by 8 hours from local time), with slight grace periods. The on-line database is the official record; do not request exceptions.

Roger explained the document upload server. Attendees were instructed to ask TG chairs if there were any questions.

Roger explained that affiliation needs to be declared at every session.

Roger then reviewed the agenda and asked for comments or concerns on the agenda. No comments were received.

Phil Barber commented on a typo related to maintenance task group, the Agenda was then updated.

**Motion (at 11:55am):** To approve the Opening Plenary Meeting Agenda as presented <<http://iee802.org/16/meetings/mtg51/opening.html>>, proposed by Roger Marks, approved without objection.

## Approvals

Roger reviewed the draft minutes of Session #50 (IEEE 802.16-07/040). Roger asked for comments.

**Motion (at 11:58am):** To approve the minutes of Session #50 (IEEE 802.16-07/040) and decisions therein, proposed by Scott Probasco, seconded by Lei Wang, approved by unanimous voice vote.

## Chair's Report

Administrative, Procedural, and Announcements (IEEE 802.16-07/046)

Roger reviewed the IEEE-SA affiliation disclosure requirements <<http://standards.ieee.org/faqs/affiliationFAQ.html>> and again reminded the WG attendees to fill in the affiliation field. Roger reviewed the "Ethics policy" <[http://iee.org/web/membership/ethics/code\\_ethics.htm](http://iee.org/web/membership/ethics/code_ethics.htm)>.

Roger displayed the link to the 802.16-related letters of assurance ([http://standards.ieee.org/db/patents/pat802\\_16.html](http://standards.ieee.org/db/patents/pat802_16.html))

The following advice was provided by the 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 identification of patent claims which may be essential for the use of standards under development is encouraged;

There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

Slide #1-#4 ("IEEE-SA Standards Board Bylaws on Patents in Standard") and Slide #5 (Other Guidelines for IEEE WG meetings) and slide #0 were shown. The slides are available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>.

An opportunity was provided for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of that standard. Roger emphasized that the Bylaws take precedence over the patent slides and encouraged people to read the Bylaws if they have questions.

Ayman Naguib of Qualcomm asked whether it is needed to repeat the same statement in every meeting. The WG chair suggested to discuss the issue with [patcom@ieee.org](mailto:patcom@ieee.org). Qualcomm has not received the response from IEEE. Therefore, Ayman Naguib of Qualcomm asked to insert the same statement he made at Session #49 and #50, noting that he is not sure whether there is any need to make the declaration again. The statement from Session #49 and #50 was: "Qualcomm may have some IP, that would impact the practice of the standard and we would comply with the IEEE patent policy in a timely fashion, if required to do so."

There were no other responses on the patent topic.

Roger reminded TG chairs regarding reiteration of the Call for Patents. Roger asked the TG chairs to raise a hand if they understand and will follow the patent announcement repetition requirements; all five TG chairs raised their hands.

### **IEEE 802 P&P issues**

Roger mentioned an IEEE-SA Standards Board letter to IEEE 802.11 chair Stuart Kerry related to a patent policy issue in 802.11. Roger recommended that participants become familiar with the letter.

Roger highlighted parts of the IEEE 802 Policies and Procedures (P&P) as shown in the opening slides in document IEEE 802.16-07/046, in particular, issues related to WG operation, Chair's function, WG Rules such as WG domination, copyrights and contribution procedures. Roger then discussed IEEE 802 project progression and IEEE 802 EC issues.

Roger emphasized the need to follow the contribution template. Submissions that violate the procedures will not be accepted!

Roger demonstrated two new features he had added to the document upload software: email notification of new uploads, and an FTP facility for accessing uploaded documents (not for uploading them).

### **Working Group status**

Roger reviewed the Session #50 Report.

#### **IEEE-SA Progress**

IEEE Std 802.16k, which had been approved on 22 March, was published on 14 August. Roger raised concerns to IEEE staff on the long delay and requested to avoid similar delay for 802.16g.

P802.16g/D9 completed additional Sponsor Ballot recirculation without incident; it was [resubmitted to RevCom](#) and stands to be approved by the IEEE-SA Standards Board on 27 September. Withdrawal of the P802.16-2004/Cor2 PAR is expected at that meeting.

No questions and comments.

Roger reviewed the schedule for the week.

### **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=20070917>](http://dot16.org/calendar/week.php?date=20070917).

### **NetMan Task Group**

The NetMan TG draft agenda for the week was presented by the TG Chair Phil Barber (document IEEE 802.16netman-07/015).

Jose Puthenkulam asked the status of [WG Letter Ballot #25c](#). The approval ratio was calculated as 94%.

### **License-Exempt Task Group**

The LE TG Chair, Mariana Goldhamer, reviewed the Task Group Review process and activities between meetings. Mariana then presented the plan for the week and the expected motions in the WG Closing Plenary (see IEEE 802.16h-07/021).

### **Relay Task Group**

The Relay Task Group draft agenda for the week was presented by the TG Chair Mitsuo Nohara (IEEE 802.16j-07/025). Nohara-san reviewed the results of [WG Letter Ballot #28](#) (return ratio: 84%, approval ratio: 67%) and statistics of comments received for this Session, the plan for the week, and expected motions in the TG and WG Closing Plenary.

### **Maintenance Task Group**

The Maintenance TG Chair, Jonathan Labs, presented the opening report (IEEE 802.16maint-07/029). Jon reviewed the progress on the revision project (of which P802.16Rev2/D0d is the latest document), the proposed agenda for the week, and expected motions in the WG Closing Plenary.

Lei Wang asked why the Letter Ballot number for the Revision project (#26) is lower than the ongoing Letter Ballot numbers. Jon explained that the LB number has been reserved.

Roger commented that he expected that initiated of a LB will be agreed in this session.

### **TGm**

The TGm Chair, Brian Kiernan presented the opening report (C802.16m-07/034). Brian reviewed the status of the system requirements document (SRD), the status of the evaluation methodology document, and the plan for the week.

Jose Puthenkulam asked if there is a plan to provide input for the IEEE 802.18 TAG regarding its plans to develop a contribution regarding IMT-Advanced. Roger replied that has been assigned to the ITU-R Liaison Group, which needs to close on a document later today. Jose then requested TGm to move its performance target discussion to Monday afternoon so that it can provide relevant input. Roger commented that the ITU-R Liaison Group has issued a call for comments for this work and that the detailed TGm schedule can be decided by TGm at its opening.

## Liaison Issues

### NGMN Alliance

Roger reviewed the liaison letter from the NGMN Alliance ([IEEE L802.16-07/058](#)) on performance evaluation methodology reply. No response is required.

### IETF Liaison Issues

Roger brought the WG's attention to two IETF documents under review :

<http://ietf.org/internet-drafts/draft-ietf-16ng-ps-goals-02.txt>

<http://ietf.org/internet-drafts/draft-ietf-16ng-ip-over-ethernet-over-802.16-02.txt>

Roger requested that the NetMan TG coordinate a review of these. A few people showed interest. Roger encouraged people to get in touch with Phil Barber, who offered to coordinate the activity.

### ITU-R Liaison Issues

#### IMT-2000

Roger provided a short update on the prospective addition of a new IMT-2000 Radio Interface based on IEEE 802.16. He discussed the positive outcome of ITU-R Working Party 8F Special Meeting of 29-31 August in Seoul and the prospect for approval of the work at the ITU Radiocommunication Assembly in October.

#### IMT-Advanced Issues

The ITU-R Liaison Official, José Costa, presented a chart (included in document IEEE L802.16-07/062) summarizing the four contributions received in response to the Call for Contributions on "Proposed Contribution to IEEE 802.18 on IMT-Advanced Requirements" (document IEEE L802.16-07/057).

Roger recommended the following procedure:

“To authorize the ITU-R Liaison Group to submit a contribution, based on the input contributions, to IEEE 802.18, subject to the prior review of TGM.” This was agreed without objection.

Roger noted suggestions within the 802 EC membership of the possibility that IEEE 802.18 would seek to develop a master joint technical proposal to ITU-R on IMT-Advanced. Roger suggested that the ITU-R Liaison Group develop a contribution to express IEEE 802.16's opinion on the above topic and bring the contribution to the WG Closing Plenary for approval.

Jose Puthenkulam suggested developing input early so that it can be sent to IEEE 802.18 in time for consideration at their meeting this week. Roger replied that more time may be needed for discussion and that such a document should be reviewed by the WG, so it may be difficult to conclude the document until the WG Closing Plenary. Jose Puthenkulam requested that Roger to send an email to inform the IEEE 802.18 chair that IEEE 802.16 plans additional contributions for their consideration this week. No objection to the request.

## 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 #52:** 12-15 November 2007: Atlanta, GA, USA, with [IEEE 802 Plenary Session](#).

**Session #53:** 21-24 January 2008; Levi, Finland (hosted by Carl Eklund), Carl expected that registration page for the session should be up this week. There are two flights daily to Levi. Info will be provided on Web site.

**Session #54:** (tentatively) 17-20 March 2008: Orlando, FL, USA, with [IEEE 802 Plenary Session](#)

**Session #55:** 12-15 May 2008 in Macau, China (hosted by Jianmin Lu)

**Session #56:** 14-17 July 2008 in Denver, CO, USA, with [IEEE 802 Plenary Session](#)

**Session #57:** 12-15 Sept 2008: Interim Session; site to be determined at Closing Plenary of Session #52  
*Proposals solicited*; please see [IEEE 802.16 Interim Session Guidelines](#).

**Session #58:** 10-13 November 2008 in Dallas, TX, USA, with [IEEE 802 Plenary Session](#)

**Session #59:** Jan 2009: Interim Session; site to be determined at Closing Plenary of Session #54

**Session #60:** 9-12 March 2009 with [IEEE 802 Plenary Session](#)

Regarding Session #60, IEEE 802 has not chosen a site for this 80 Plenary. A straw poll regarding proposals for Vancouver and Rome is scheduled for the closing Plenary.

## New Business

No new business.

LCD projector and meeting room management were discussed.

Motion to adjourn at 2:15pm, proposed by Herbert Ruck, seconded by Carl Eklund, passed with unanimous voice vote.

## IEEE 802.16 Session #51 Closing Plenary Meeting

20 September 2007

### Call to Order

Roger called the meeting to order at 6:30 pm.

### Approval of Agenda

The Closing Plenary agenda <<http://ieee802.org/16/meetings/mtg51/closing.html>> was reviewed.

Motion (6:35 pm): “To approve the Closing Plenary agenda <<http://ieee802.org/16/meetings/mtg51/closing.html>>”, proposed by Scott Probasco, Seconded by Phil Barber, passed with unanimous voice vote.

### Session #51 Host

Roger and the WG expressed their appreciation to the Session #51 host, Gordon Antonello. Gordon explained the remaining logistics.

### NetMan Task Group

A report on the P802.16i project was made by the TG Chair, Phillip Barber (IEEE 802.16netman-07/017). He indicated his intent to propose, at Session #52, withdrawal of the PAR, with the contents of the draft merged into the Rev2 draft.

**Motion (6:55 pm):** “To develop and issue the Draft document P802.16i/D5 based on the resolution of comments as recorded in 802.16-07/047r2, and to authorize the WG Chair to initiate a Working Group Letter Ballot recirculation on the Draft, to close around November 9, 2007.”, Proposed by Phil Barber, seconded by David Johnston.

Roger asked if the LB recirculation can be closed earlier than Nov 9. Phil replied that considering the fact there were very small number of comments received in this meeting, he did not expect that reply comments to the LB recirculation are needed, therefore, he prefers to give more time for members to provide the comments.

There was no further discussions or comment.

Motion passed: 71/0/0

### Maintenance Task Group

A report was presented by TG Chair, Jon Labs (IEEE 802.16maint-07/033).

Motion (7:10pm): “To approve the document P802.16-Rev2/D0e as the Working Group draft, reissuing the document without change marks as P802.16-Rev2/D1, and to initiate a Working Group Letter Ballot on P802.16-Rev2/D1.”, proposed by Jon Labs, seconded by Dan Gal, passed by 78/0/0.

Jose Puthenkulam asked if there were any discussions regarding clause renumbering. Jon Labs replied that this was not discussed in this session. Jose noted that TGM may find it difficult to know how to structure the P802.16m draft, as this will depend on the clause structure in Rev2.



Jose then asked when the revision project will go to sponsor ballot. Jon said that it may be in March or June.

Roger asked Jon to comment on the success with which the 802.16g draft had been merged into the revision draft. Jon explained the editor is working to resolve any conflicts before LB recirculation.

### **License-Exempt Task Group**

A report was made by TG Chair, Mariana Goldhamer (IEEE 802.16h-07/023).

Motion (7:20pm)

“Adopt the document IEEE P802.16h/D2c, as modified by the LE TG database 802.16h-07/020r2, to be the 802.16h/D3 Draft and submit for Working Group Letter Ballot”, proposed by Mariana Goldhamer, seconded by Scott Migaldi, and passed 62/0/0.

### **Relay Task Group**

A report was made by the Relay TG Chair, Mitsuo Nohara (IEEE 802.16j-07/026) on the progress of the Relay TG. The TG did not have sufficient time to resolve all comments from WG Letter Ballot #28. It plans to do so at Session #52. In the meantime, editorial and ad hoc activities will be used to prepare for Session #52.

### **TGm**

A report was presented by the TGm Chair, Brian Kiernan (IEEE 802.16m-07/036r1).

Roger asked Brian to describe the status of the evaluation methodology document. Brian replied that it should be considered as a TGm working document.

Dan Gal asked whether, since the document is to be considered a WG document, it should be approved by the WG. Brian replied that it may be considered as a procedural issue. Roger further commented that the TG and WG Chairs will be deciding the procedural approach to this issue.

Dan wanted clarification as to whether 75% approval is required to modify the document. Brian replied that it only needs 50% at this stage.

### **Liaison: ITU-R**

ITU-R Liaison Officer, José Costa, presented a report (IEEE L802.16-07/062). He noted that L802.16-07/060 had been submitted to the 802.18 TAG, per the Opening Plenary agreement. He reviewed documents IEEE L802.16-07/060d0 and IEEE L802.16-07/061d0.

Motion (7:45 pm): "To approve IEEE L802.16-07/060d0 and authorize the WG Chair to send it 802.18," proposed by José Costa, seconded by Scott Probasco, passed 74/0/0.

Roger noted that IEEE 802.18 had announced that it would be meeting later tonight in Hawaii on the IMT-Advanced topic. When Roger had asked the IEEE 802.18 chair for the agenda of that meeting, he had learned that the meeting had been cancelled. Nevertheless, the document IEEE L802.16-07/060 would be forwarded to the 802.18 TAG Chair with a request that it be discussed at the IEEE 802.18 Closing Plenary on Friday.

Motion (7:50pm): “To approve IEEE L802.16-07/061d0 and authorize the WG Chair to send it to 802.18,” proposed by José Costa, seconded by Mariana Goldhamer, passed 76/0/0.

### **Liaison: WiMAX Forum**

Roger reviewed a contribution proposing a statement to the WiMAX Forum (IEEE C802.16-07/025r2).

Motion (7:50pm): “ To approve the document IEEE C802.16-07/025r2 as a liaison statement to the WiMAX Forum,” proposed Jon Labs, seconded by Brian Kiernan.

Herbert Ruck commented that IMT-Advanced issues may be relevant to the relationship with the WiMAX Forum. Roger replied that the last sentence in the paragraph on IMT-2000 does address this topic. Herbert accepted the explanation.

Motion passed 76/0/1.

### **Liaison: IETF**

David Johnston reviewed a proposed statement (IEEE L802.16-07/063r1) to the IETF 16ng Working Group.

Roger commented on the timing for providing the input regarding the review under discussion. He asked for volunteers to participate in the ad hoc; David Johnston, Phil Barber, and Erik Colban volunteered. Roger asked for volunteers to chair the ad hoc. David Johnston and Phil Barber volunteered. David Johnston was appointed as the ad hoc chair by Roger.

Motion (8:15pm) “To approve L802.16-07/063r1 and authorize the IEEE 802.16 WG chair to make appropriate editorial modifications and send it to the IETF 16ng Working Group,” proposed by David Johnston, seconded by Phil Barber, passed 66/0/0

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

[Session #52](#): 12-15 November 2007: Atlanta, GA, USA, with [IEEE 802 Plenary Session](#).

Visa info has been posted on the Web.

[Session #53](#): 21-24 January 2008; Levi, Finland (hosted by Carl Eklund),

[Session #54](#): (tentatively) 17-20 March 2008: Orlando, FL, USA, with [IEEE 802 Plenary Session](#)

[Session #55](#): 12-15 May 2008 in Macau, China (hosted by Jianmin Lu)

[Session #56](#): 14-17 July 2008 in Denver, CO, USA, with [IEEE 802 Plenary Session](#)

[Session #57](#): 12-15 Sept 2008: Interim Session; site to be determined at Closing Plenary of Session #52  
*Proposals solicited*; please see [IEEE 802.16 Interim Session Guidelines](#).

[Session #58](#): 10-13 November 2008 in Dallas, TX, USA, with [IEEE 802 Plenary Session](#)

[Session #59](#): Jan 2009: Interim Session; site to be determined at Closing Plenary of Session #54

[Session #60](#): 9-12 March 2009 with [IEEE 802 Plenary Session](#)

Roger explained a request from the 802 EC Executive Secretary to seek members' opinions on the site selection for the March 2009 802 Plenary (with Session #60). Roger explained that the EC had a lengthy discussion on providing an opportunity to have the plenary outside North America. There are two options: Vancouver and Rome.

Phil Barber commented that Vancouver is a North American site and he asked if it is possible to consider an alternative non-NA site if someone would propose to sponsor the event. Roger reviewed the answer from EC since he had the same question to the EC before. The answer is that they will consider the third alternative only if there is not a clear winner among the two proposed sites.

Roger reviewed details of the two sites. There were more discussions on this topic.

Roger then proposed to have a straw poll for three options to provide input to EC. All those present, not only members, were permitted to participate, and voting for more than one option was allowed. The results were:

Option 1 (Rome): 71

Option 2 (Vancouver): 60

Option 3 (A hosted alternative): 61

## Publicity

Without objection, Roger will prepare Session #51 Report.

## New Business

Roger reviewed an email invitation he had received from the WWRF to participate in its 19<sup>th</sup> meeting, to be held in Chennai, India. Roger was unable to attend and had recommended Jose. However, Jose was also unavailable. Roger asked for volunteers to participate in the meeting on behalf of IEEE 802.16. Jose indicated that Rath Vannithamby would volunteer. Roger commented that Rath was a WG member and had attended the previous six sessions of the WG. Roger indicated that he would be willing to appoint a representative to speak, provided that the speaker would prepare presentation material for review by a suitable group of the WG leadership. Brian Kiernan, Jose Puthenkulam, and José Costa volunteered to review the presentation material for the volunteer. No objections were raised to this plan. Roger looked forward to notification from Rath Vannithamby that he would indeed wish to volunteer, and asked that any other volunteers inform him as soon as possible.

## Closing

A Motion (at 21:05 pm) to adjourn the meeting was made by David Johnston, seconded by Carl Eklund, and carried by unanimous voice vote. The meeting was adjourned at 21:05 pm on 20 September 2007.

## Web References

Session #51 Web Page

<http://ieee802.org/16/meetings/mtg51>

Session #51 Attendance and Participation List

<http://ieee802.org/16/meetings/mtg51/reglist.html>

Session #51 Report

<http://ieee802.org/16/meetings/mtg51/report.html>