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Project	**IEEE 802.16 Broadband Wireless Access Working Group** **<http://ieee802.org/16>**
Title	**Minutes of 802.16 Session #8**
Date Submitted	**2000-08-13 (Rev. 1: added Appendix E; approved 2000-09-11)**
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Re:	**802.16 Session #8 (La Jolla, California, U.S.A., 10-13 July 2000)**
Abstract	This document records the minutes of 802.16 meetings held at 802.16 Session #8
Purpose	To record progress and decisions of the Working Group.
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1

TCT 1017

Minutes of 802.16 Session #8
A Plenary Session of the IEEE 802.16
Working Group on Broadband Wireless Access
Hyatt Regency Hotel, La Jolla, California, USA
10 to 13 July, 2000

1. Monday, July 10, 2000, Opening Plenary

The meeting was called to order by Roger Marks at 1: 06 P.M.

Roger Marks appointed George Fishel as acting secretary in the absence of Scott Marin.

Roger Marks conducted a review of the agenda for the week.

Roger Marks asked for approval of the opening plenary agenda (See Appendix A). No objections were raised. The agenda was approved.

Roger Marks gave a brief history of IEEE 802.16 (See Appendix A for the Chairman's presentation).

Roger Marks reviewed the Rules of IEEE 802.16

Roger Marks review the attendance rules and the sign-in book. Carl Bushue volunteered to take care of the sign-in book. Roger Marks announced that for Session#8 attendance at 5 of 7 intervals would be required to meet the 75% attendance rule.

Roger Marks asked for a show of hands of potential members that wish to become members and about 20 people raised their hands. Roger Marks requested that anyone interested in membership give a business card to the secretary stating that they desired membership.

Roger Marks asked for a volunteer librarian for this meeting and requested that all documents be placed on the flash card. Brian Petry volunteered. An attempt will be made set up an ad hoc wireless and 10 BASE T network for the meeting.

Roger Marks reviewed all of the legal information that applies to our meeting

Roger Marks asked for approval of the minutes from Session #7. The minutes from Session # 7 were approved without objection.

Roger Marks asked for approval of the Working Group decision at Session #7 to accept IEEE 802.16-00/12 as the Minutes of 802.16 Session#6. Approval was without objection.

Roger Marks gave an overview of the WirelessHUMAN study group, the new standards-for-free policy proposed to IEEE 802, and the method of financing standards. One proposal uses $100 from meeting fees to finance standards.

Roger Marks summarized the status of 802.16.1 by stating that we have a consolidated PHY proposal from the May meeting and some recommendations by Jeff Foerster that must be resolved at this meeting. We have a consolidated MAC proposal that came out of Session #7 and # 7.5 that must be developed at this meeting.

Jay Klein gave a report on the activity of the 802.16.1 PHY group.

Carl Eklund gave a report on the activity of the 802.16.1 MAC group.

Leland Langston gave a progress report on the 802.16.2 Coexistence group.

Brian Kiernan gave a status report for the 802.16.3 group including comment resolution on the functional requirements document.

Durga Satapathy gave a report on the activity in the Wireless HUMAN Study Group.

David Trinkwon lodged an objection to conducting the 802.16.3 and the Wireless HUMAN meetings in parallel. He said that at the last meeting, 40% of the members expressed interest in both groups. He requested this problem be resolved. Roger Marks noted that both groups have

2

TCT 1017

assignments to carry out and expressed concern that a joint meeting will amount to a cancellation of a WirelessHUMAN meeting, with potential damage to the Study Group's prospects. Brian Kiernan proposed that he talk with Durga Satapathy and see if the issue can be resolved after the meeting so that people will be able to attend those parts of both meetings in which they have an interest.

Jay Klein gave a liaison report from ETSI BRAN Session # 19.

Barry Lewis presented a liaison report from ETSI TM-4 (see doc. IEEE 802.16l-00/15).

José Costa gave a liaison report of the activities of ITU-R (see doc. IEEE 802.16l-00/16).

Naftali Chayat proposed Tel Aviv, Israel as the location of the January meeting and gave a presentation.

At 4:00 P.M., Roger Marks called a recess until the midweek plenary, which is scheduled for 4:30 P.M. on Wednesday.

2. Wednesday, 12 July, 2000, Midweek Plenary

Roger Marks called the meeting to order at 5:04 P.M. Roger Durand is the acting Secretary.

Roger Marks reviewed the midweek plenary agenda (See Appendix B), which was approved without objection.

Roger Marks discussed the distribution, circulation, and content of flash ROM and CD (see presentation in Appendix B).

Roger Marks announced that 802.16 will proceed with the letter ballot on the air interface standard as an 802.16.1 task group letter ballot not as an 802.16 working group letter ballot. Furthermore, Roger Marks noted that all members of the working group may input content on the ballot.

Jay Klein provided an update on the 802.16.1 task force PHY activities (See presentation in Appendix B).

Carl Eklund updated the working group on the activities of the 802.16.1 task force MAC activities.

Leland Langston updated the working group on the activities of the 802.16.2 coexistence activities. Roger Marks suggested a task group letter ballot for the 802.16.2. Leland Langston communicated his intent on getting this ballot out to coincide with the 802.16.1 ballot.

Brian Kiernan updated the working group on the activities of the 802.16.3 task force activities (see presentation in Appendix B). Some discussion was directed to the acceptability of the 802.16.1 proposed MAC in the 802.16.3 application. Brian indicated 802.16.3 will not comment collectively but individuals may comment on the 802.16.1 task force letter ballot.

Brian Kiernan commented on the press release of the IEEE ISTO creation of a Broadband Wireless Access group. Brian Kiernan introduced the creation of an ad hoc group, chaired by Brian Petry, to address the issue.

Brian Petry explained the activities of the ad-hoc group. (See Appendix B). Roger Marks communicated the need to address this issue to the IEEE 802 executive committee and the importance to prioritize the task group's time.

Demos Kostas updated the working group on the WirelessHUMAN study group activities. Oral updates included a pending call for contributions from the group and a request to extend the study group through the November plenary.

Roger Marks then updated the working group on liaison issues relative to the ETSI activities. A new liaison letter (802.16l-00/17) from ETSI has been received and posted to the 802.16 website.

Roger Marks then updated the working group on the remaining agenda items and noted the need to expedite preparation of liaison letters in time for executive committee review.

TCT 1017

3. Thursday, 13 July, 2000, Closing Plenary

Roger Marks, 802.16 Chairman, called the meeting to order at 3:30 P.M. Roger Durand is the acting secretary.

The Chairman reviewed the closing meeting agenda (See Appendix C) and the agenda was approved without objection

The Chairman reviewed the attendance book and commented that 81 people from the membership list had signed with 79 (corrected to 84) business cards in the attendance book, bringing the total attendance to 165.

The Chairman presented and reviewed a draft liaison letter to ETSI BRAN.

> Motion#1, David Trinkwon, 2nd Jim Mollenauer, to approve the liaison letter

Motion#1 Approved by unanimous voice vote. The final version of the letter is doc. IEEE 802.161-00/19.

Brian Kiernan updated the working group of the 802.16.3 task force activities relative to liaison letters. Brian reviewed a draft liaison letter to ETSI-BRAN. (See Appendix C)

> Motion#2, David Trinkwon, without second, to accept and send the letter.

By voice vote Motion#2 is accepted without opposition. The final version of the letter is doc. IEEE 802.16l-00/21.

Leland Langston updated the working group on the activities of the 802.16.2 coexistence task group and presented a draft liaison letter to ETSI TM4

> Motion#3, Leland Langston, without second, to accept a liaison letter to ETSI TM4.

By voice vote, Motion#3 is accepted without opposition. The final version of the letter is doc. IEEE 802.16l-00/20.

The Chairman updated the working group on three significant motions that were approved by 802.16.1. See Appendix C. The motions resolve to develop an 802.16.1 MAC specification based on doc. IEEE 802.16.1mc-00/21r1, define the 802.16.1 review process, and appoint an editorial team.

Jay Klein updated the working group on the activities of 802.16.1 PHY. See presentation in Appendix C.

David Trinkwon requested that the editorial team review the document for instances of the word "bandwidth," noted that the word "capacity" is more appropriate in most cases, and urged the editorial team to use the appropriate wording.

Tom Kolze asked that a mechanism be employed to assist the reviewers of the edited documents, i.e. change bars in a pdf documents.

Leland Langston updated the working group on the activities of the 802.16.2 coexistence activities. See presentation in Appendix C. Leland Langston also presented a coexistence timeline document (see Appendix C). Leland Langston made recommendations to increase the leadership of the

802.16.2 as follows CoChair Andy McGregor, ViceChair Rémi Chayer, and an Editor Vito Scaringi. Roger Marks requested clarification as to whether Mr. Langston and Mr. McGregor would be acting as equal Co-Chairs, and Mr. Langston replied that they would. Roger Marks acknowledged the recommendation and approved the above appointments.

Brian Kiernan updated the working group on the activities of the 802.16.3 task force. See Appendix C. Brian Kiernan then presented and reviewed a 802.16.3 task group response letter to the ISTO organization press release, see doc. IEEE 802.16.3-00/08 This letter is directed through the working group to the IEEE LMSC.

TCT 1017

Brian Kiernan also presented was a draft conflict-of-interest letter on this same subject drafted by Jim Carlo, Chairman of IEEE 802. (The subsequently revised position statement is contained in http://grouper.ieee.org/groups/802/16/802/positionBWIF.pdf).

Brian Kiernan redirected the group to the specific wording of four motions contained in the Task Group letter and asked for a working group consensus.

> Motion#4, Brian Kiernan, for the IEEE LMSC executive committee to consider and report back to 802.16.3 Task Group: IEEE LMSC expects the IEEE, IEEE-ISTO, IEEE-SA and any other IEEE organization to immediately disassociate from the BWIF industry group and publicly retract any association with it. This shall include an IEEE press release covering the disassociation.

30 in favor, 2 against, Motion#4 passes.

> Motion#5, Brian Kiernan, for the IEEE LMSC executive committee to consider: Any letter that the IEEE LMSC executive committee submits to other IEEE offices on the issue of the BWIF press release must include the content of the previous motion.

34 in favor, 2 against, 0 abstentions, Motion#5 passes.

> Motion#6, Brian Kiernan, for the IEEE LMSC executive committee to consider: In particular, that the IEEE shall accomplish disassociation from BWIF sponsorship prior to the July 26, 2000 inaugural BWIF meeting.

32 in favor, 2 against, 0 abstentions, Motion#6 passes.

> Motion#7, Brian Kiernan, for the IEEE LMSC executive committee: That IEEE initiate a review of the IEEE-ISTO procedures and processes associated with standards development and take any action necessary to assure the integrity of the IEEE Standards process and report back to the IEEE LMSC.

36 in favor, none against, 0 abstention, Motion#7 passes.

> Motion#8, Brian Petry, 2nd Brian Kiernan, to recognize the intention and support the principal of Jim Carlo's letter.

35 in favor, 0 against, 1 abstention. Motion#8 passes

Durga Satapathy updated the working group on the activities of the WirelessHUMAN study group. (See doc. IEEE 802.16hp-00/09). Durga Satapathy reviewed a draft liaison letter to 802.11.

> Motion#9, Durga Satapathy, 2nd Demos Kostas, to approve this liaison letter on behalf of the 802.16 working group.

19 in favor, 0 against, 1 abstention. Motion#9 passes. The subsequent letter is at http://ieee802.org/16/arc/802-16list/msg00740.html.

> Motion#10, Durga Satapathy, 2nd Demos Kostas, to extend the WirelessHUMAN study group through the November plenary.

26 in favor, 0 against, 1 abstention, Motion#10 passes.

Roger Marks updated the group on the next meeting in Denver from 11 through 15 September 2000.

Naftali Chayat discussed the interim meeting in January 2001.

> Motion#11, Naftali Chayat, 2nd Jim Mollenauer, to hold 802.16 Session #11 in Tel Aviv, Israel from 22 to 26 January 2001.

TCT 1017

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