

Tentative Minutes of the IEEE P802.11 Working Group

**Plenary meeting
La Jolla, California
March 11-14, 1996**

Monday, March 11, 1996, 3:30 PM

Secretary's note: Due to an incredibly unfortunate attack of stupidity on my part, the only copy of the minutes from this meeting was deleted from the only computer on which it existed. When this was discovered, a few days after the meeting, it was too late to just undelete them. The minutes which follow here are what was painfully collected from the hard drive, sector by sector with a disk editor. Most of the information was recovered. The characters ??? mark places where information was lost. All the motions were recovered - occasionally the movers/seconders were lost, but more importantly, for motions 2, 8, 10 and 30 the vote counts were lost. The results of these motions (which is pass for all of them) is recorded from memory, so please check it.

With sincere apology, Carolyn Heide.

The meeting was called to order at 3:30 PM Vic Hayes, chairman IEEE P802.11¹⁾ in the chair. Carolyn Heide secretary. Stuart Kerry managing document originals and copying and Ian Gifford managing distribution and pigeon hole organization. Wayne Moyers handling the attendance list. The agenda document for this meeting is 802.11-96/29-R1.

Objectives for this meeting, all groups

- Resolve comments on LB on D3.0 and prepare Draft for sponsor ballot (1)
- Inclusion of FH tables for various other countries (France, Spain, Australia) (2)
- Give a tutorial to 802 in preparation of the sponsor ballot (3)

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- Conformance testing (4)
- 3 Mbit/s informational presentation
- FCC wish list

1. Opening

1.0 Secretary: Carolyn Heide.

1.1 Roll Call: People in the room were invited to introduce themselves.

1.2 Voting rights:

Participation in debates, moving and seconding is only permitted by voting members, in all 802.11 meetings (at all levels). The subgroup chairs may permit observers to participate in debates.

Voting at the working group level is by voting members only. Chair may permit observers to participate in debate. To become a voting member:

- participate in at least 2 out of 4 consecutive plenary meetings. Voting rights start at third meeting
- participation in at least 75% in meetings, in the room
- one interim may be exchanged for a plenary
- Voting members will get a token to be used at votes

Voting rights can be maintained:

- by participation in 2 plenary meetings within 4 consecutive plenary meetings
- one interim may be substituted for a plenary

Voting rights may be lost:

- after failing to pay the conference fee
- after missing two out of three consecutive letter ballots

1.3 Attendance list, Registration: The attendance list was distributed - 75% attendance according to the attendance list is required to qualify for attending the meeting as a whole, so make sure to sign the book. Copies of the attendance list are handed out before the end of each meeting.

- important for administration of voting rights that the attendance book is used properly.
- sign per meeting (morning, afternoon, evening). Do not sign ahead.
- place initials. Do not cross or underline.
- circle the letter corresponding to the meeting you attend when signing (F=full 802.11, P=PHY, M=MAC group).

Check e-mail addresses in the book:

- some addresses have been struck, or have a \$-sign added to the right - those received complaints from the reflector
- please strike your e-mail address if you do not use it
- if you do not disagree to receiving very long files, mark bulk e-mail with yes

1.4 Logistics: Document distribution is done using pigeon holes - you will find your copies and messages in the referenced location in the expanding file folders in the slot *in front of* your name.

Document distribution:

- sign in for a slot, remember the letter and number
- pigeon holes are file folders with a letter id on each folder and a number on each slot

- in each folder are numbered slots, each of which is 'owned' by a person
- each person owns slot in front of number

Coffee breaks at 10 AM and 3 PM. Noon to 1:00 PM lunch

1.5 Other announcements

1.5.1 Patent Policy

IEEE standards may include the known use of patent(s) including patent applications, if there is technical justification in the opinion of the standards developing committee and provided the IEEE receives assurance from the patent holder that it will license applicants under reasonable terms and conditions for the purpose of implementing the standard. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent becomes known after the initial approval of the standard).

This assurance shall be a letter that is in the form of either:

- A. A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement the proposed IEEE standard against any person or entity using the patent(s) to comply with the standard or
- B. A statement that a license will be made available to all participants without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

In order to determine whether to use patented material or not, the working group should examine its technical merits only and ensure that they have followed the procedure contained in the IEEE Standards Operations Manual.

Request all participants to indicate if they know patent on which 802.11 may infringe

1.5.2 Copyright of IEEE standards, by Vic Hayes

Assumption:

Those submitting papers and working on the standard would know that the copyrights would be transferred to the IEEE

Earlier understanding of the rules in the PAR:

Copyright of material taken from submissions and added into the standard, is automatically transferred to IEEE based on the PAR

Quote from the PAR

"I hereby acknowledge my appointment as Official Reporter to the _IEEE P802_Committee to write/revise a Standards Publication (entitled or to be entitled) _Wireless Access Method and Physical Layer Specifications_.

In consideration of my appointment and the publication of the Standards Publication identifying me, at my option, as an Official Reporter, I agree to avoid knowingly incorporating in the Standards Publication any copyrighted or proprietary material of another without such other's consent and acknowledge that the Standards Publication shall constitute a "work made for hire" as defined by the Copyright Act, and, that as to any work not so defined, I agree to and do hereby transfer any right or interest I may have in the copyright to said Standards Publication to IEEE.

Signed by myself"

Return to assumption:

Those submitting papers and working on the standard would know that the copyrights would be transferred to the IEEE

Having never seen any input paper with explicit copyright sign, conclude that no copyrighted material is included in draft D3.0. Now is the time to indicate copyrighted material so we can remove it right away.

Hearing no claims before March 31, 1996, I would declare there is no copyrighted material included in draft D3.0,

There is some disagreement in the room, and a feeling that this needs to be legally scrutinized. Vic will check and the issue will be returned to this week.

1.5.3 Help Preparing next mailing, Thursday evening: Carolyn Heide, Stuart Kerry

1.5.4 New Bylaws, Operations Manual, and IEEE Standards Companion available.

1.5.5 Sponsor Ballot invitation is out and registration closes March 15.

1.5.6 Boeing is concerned about the future - 2 Mbps is too slow for the near future; has experienced some problems at 2.4 Ghz; interface with other international standards.

2. Approval of the minutes of the previous meeting

2.1 Montreal meeting, Document IEEE P802.11-95/234: Motion #3, should have stated FAILED.

Approved, with this change, by consensus.

2.2 San Diego meeting, Document IEEE P802.11-96/20: approved by consensus

2.3 Matters arising from the minutes: none.

3. Reports

3.1 The Executive Committee, by Vic Hayes

- position on wireless New Work Item in ISO/IEC including comparison of Hiperlan and 802.11
- LMSC Chair vacant in July, including the offices the chair holds
 - information on workload available
 - process will be made by Montague
- document distribution
 - limit the dis to those voters in the group
 - no distrib during plenaries
 - 4 PM Tuesday group addressing it

Discussion:

Group instructs Vic to ask: Will the fact that standards will no longer be available free at meetings, decrease the meeting fees? That only seems fair, as this has been listed as one of the reasons for increasing the fees. The group recommends decreasing meeting fees by the price of books.

- Names in Standards: current write-up for
 - inclusion of all voters from PAR until approval to send to IEEE Standards Board
 - other contributors identified by chair or nominated by a WG member
 - organization nominated by a wg member
 - better proposal requested, will be discussed later

3.2 The Editors: none

3.3 The letter ballot on draft D3.0 results:

- 70 approval
- 42 yes, 18 no, 0 abstain
- 75% required, unanimous preferred

- excomm requires all no votes be addressed and rebutted if not accepted
- full report in 96/47-1 to -7

3.4 San Jose, 1995, meeting finances:

Collections		
Number of attendees:	54	
Amount collected per attendee:		\$100.00

Total money collected		\$ 5,400.00
Expenses		
Hotel charges:		
Beverages and refreshments		\$ 3,172.10
Audiovisual equipment/set-up		1,996.51

Total hotel charges		5,168.61
Photocopying expenses		125.51

Total expenses		\$ 5,294.12
Result		
Surplus		\$105.88
Surplus form San Jose 1994		\$108.32

Total funds for 802.11		\$214.20

Motion #1: To approve the San Jose financial report.

Moved by: Bob O'Hara
 Seconded by: Carolyn Heide

Motion 1 Discussion: none

Approved: 30 Opposed: 1 Abstain: 1 **Motion #1 passes**

3.5 San Diego, January 1996 meeting finances:

Expenses:		
Audio Visual	\$1,904.60	
Office Telephone	\$80.00	
Long Distance Charges	\$90.81	
Laser Printer	\$239.00	
AM/PM Breaks	\$3,258.09	
Host Bar		\$607.75 (MACom)
Host Reception/Dinner		\$1,735.49 (MACom)
Xerox		\$514.28
Kinkos Copy Center	\$483.85	
Total expenses	\$6,570.63	
Result		
40 participants @\$100.00 each		
IEEE Shared Cost	(\$4,000.00)	
Final Cost	\$2,570.63	\$ 2,343.24 (MACom)

Motion #2: To approve the San Diego meeting financial report.

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