Project	IEEE 802.20 Working Group on Mobile Broadband Wireless Access <a href="http://grouper.ieee.org/groups/802/20">http://grouper.ieee.org/groups/802/20</a> >			
Title	Minutes of 802.20 Session #2 in Dallas, TX, May 12-15, 2003			
Date Submitted	2003-06-24			
Source(s)	Gang Wu DoCoMo Labs USA	Voice: (408) 451-4707 Fax: (408) 673-1090 Email: wu@docomolabs-usa.com		
Re:	802.20 Session #2			
Abstract	Minutes of the meeting			
Purpose	Minutes of the meeting			
Notice	This document has been prepared to assist the IEEE 802.20 Working Group. 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.			
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Patent Policy	The contributor is familiar with IEEE patent policy, as outlined in Section 6.3 of the IEEE-SA Standards Board Operations Manual <a href="http://standards.ieee.org/guides/opman/sect6.html#6.3">http://standards.ieee.org/guides/opman/sect6.html#6.3</a> and in <i>Understanding Patent Issues During IEEE Standards Development</i> <a href="http://standards.ieee.org/board/pat/guide.html">http://standards.ieee.org/board/pat/guide.html</a> >.			

#### DRAFT

# Meeting Minutes of the 802.20 Meeting #2

May 12-15, 2003 Dallas, Texas Gang Wu

The second meeting (#2) of 802.20, Mobile Broadband Wireless Access (MBWA) Working Group (WG), was held in May 12-15, 2003, in conjunction with IEEE 802.11, 802.15, 802.16, 802.18, and 802.19 interim meetings in Dallas, Texas, USA.

Interim vice-chairs Mark Klerer and Jerry Upton led the meeting.

Contributions and WG documents referenced in this report of minutes may be found at the 802.20 web site, http://www.ieee802.org/20/.

There appeared to be no quorum at any time during the week's meetings. Approximately 65 voting members recorded their attendance. There are 184 voting members in the WG, and 92 are required for a quorum. No votes were taken during the week.

Appendix A of this report contains a list of participants. Appendix B contains documents Matthew Sherman showed during his talk.

# Day 1, Monday, May 12, 2003

Klerer called the meeting to order at 1:17 pm and made introductory comments as follows:

- Attendance was to be recorded manually.
- Under guidelines from the IEEE Sponsor Executive Committee (SEC), the WG is operating under the constraints of no external publicity, no PAR changes, and no liaison statements. All decisions require a 75% vote approval whether the motions are procedural or technical.
- Notice regarding patent policy and inappropriate meeting topics was made.

The agenda was revised and approved.

Klerer noted Tuesday's (May 13) meeting was to start at 10 a.m. A meeting of the IEEE 802.11 Publicity Standing Committee was to be held from 8-10 a.m., and it was planned to make a presentation there on behalf of 802.20.

Klerer agreed with a suggestion from the floor to add a joint meeting with the IEEE 802.18 (Regulatory). Klerer said that 802.20 would eventually appoint a liaison to to 802.18 and to 802.19 (Coexistence). It is expected that, eventually, 802.20 members will get 802.20 meeting attendance credit if they attend meetings of 802.18 or 802.19.

Upton said that 802.20 needs to let 802.11 and 802.15 know if it would be co-locating with them in Singapore in September 2003. This would be discussed later in the week.

Dan Gal presented "802.20 Standard Development Work-Plan Topics" (C802.20-03/30 with accompanying presentation in C802.20-03/59).

#### Discussion included the following:

- The important point is not the detail in the presentation, but that the Chair must take these tasks and times into account.
- History of 802.16 cooperation with ETSI-BRAN
- The proposal of DOCSIS MAC in 802.16.
- Time frames for standard development in IEEE 802
- Serial versus parallel work processes
- Advantages to working on MAC and PHY at the same time
- Four possible 802.20 working entities: System (entire group), PHY, MAC, and Testing
- Consider using pieces of 3G standards and technologies.
- Submittal of complete system specifications versus building of a specification from individual technology pieces.
- Calling for full proposals versus parts of systems
- The need to expand on system issues, rather than just PHY and MAC, for someone outside of 802.20 to understand the entire project

Jerry Upton presented "802.20 Work Plan" (C802.20-03/36).

#### Discussion:

- Length of time to publication
- Proposal selection procedure
- Licensed versus unlicensed bands
- Suitability of handoff for WG consideration
- Consideration of system-level requirements beyond MAC and PHY
- Time required to develop system-level requirements

Mark Klerer presented "Iterative Design for Rapid Standards Development (C802.20-03/37).

#### Discussion:

- Serial development and the 802.16 example
- ETSI as an example

Break at 2:55 p.m. Reconvene at 3:40 p.m.

Dan Gal presented "802.20 Standard Development Process (Rev 1)" (C802.20-03/41r1). A related presentation is found in C802.20-03/59.

Mark Klerer and Jerry Upton presented "802.20 in the Context of the 802 Wireless Projects" (C802.20-03/38), proposed to be submitted to the 802.11 Publicity Standing Committee (PSC). Klerer said that, with the WG's approval, he would present the slides on behalf of 802.20 in the PSC meeting between 8:00-10:00 on Tuesday May 13. A 1 1/2 hour discussion resulted in revisions to the presentation, and that revision was approved at C802.20-03/54.

Issues raised in discussion included the following:

- Wide area versus metropolitan area
- The meaning of "range"
- "Access" in the context of networks and technology
- Interpretation of the PAR
- Roaming
- Cell size
- References to 802.16 systems
- Hooks to support handoff and roaming
- The 5 MHz bandwidth specification

John Fan presented "Terminology in the 802.20 PAR (Rev 1)" (C802.20-03/47r1).

#### Discussion:

- Interoperability
- The contribution is intended to help people who did not participate in the study group process with the definition of key terms.
- Further clarification of some definitions
- Spectral efficiency as it relates to traffic models or channel models
- Sustained versus peak data rates
- Coding overhead, throughput, and peak data rates
- Per-cell versus per-sector parameters

The WG recessed at 6:08 p.m.

# Day 2, Tuesday, May 13, 2003

The WG reconvened at 10:20 a.m.

Jim Tomcik presented "802.20 Technical Requirements – Strawman Version 00" (C802.20-03/44). The related presentation is found as C802.20-03/55.

#### Discussion:

- Reference model
- Preliminary nature of this strawman
- Time needed for proposed tasks and schedule impact
- The 802.11 example
- Doing things in parallel
- Keeping in scope of PAR
- Do not spend time on voice, except for VoIP.
- Other issues to add -- PHY power control, environmental impact, perhaps interworking
- Consideration of applications
- 802.11's experience with QoS
- E911
- Co-existence should not be considered at the beginning.
- Use of a data model
- Requirements for using some frequency bands
- System-level simulations

Guanghan Xu presented "Channel Requirements For MBWA (Rev 1)" (C802.20-03/46r1).

## Discussion:

- Definition of link budget.
- This proposal is a "strawman."
- Latency
- "Minimum service slot" means data rate.
- Appropriateness of ITU-R channel model B

Break for lunch at 12:07 p.m. Reconvene at 1:05 p.m.

Eshwar Pittampalli presented "Requirements for 802.20 Compliant Mobile Wireless Systems" (C802.20-03/34). The accompanying presentation is found as C802.20-03/51.

#### Discussion:

- Consideration of voice and data, or data only
- 3GPP and 3GPP2 cross-mode specifications
- Handoff (including in overlay configuration)
- Spectrum availability around the world versus only in the US
- Consideration of 802.20 technology as replacement versus complement
- New operators versus existing operators
- Support for 2G, 3GPP, and 3GPP2 systems
- Hooks and extensions in PHY and MAC to accommodate future services

Arif Ansari presented "Desired Characteristics of Mobile Broadband Wireless Access Air Interface" (C802.20-03/45r1).

Discussion: Definition of "AI" (air interface, PHY/MAC)

Matt Sherman, IEEE 802 SEC vice-chair, gave a two-slide presentation (attached as Appendix B) about the SEC e-mail ballot motion on membership interpretation. The slides explain the interpretation as approved by the SEC and what this means to current 802.20 members. He also said the SEC was considering potential membership rules changes (including membership retention) that would apply for all of IEEE 802.

#### Discussions:

- Vote on confirmation of elected 802.20 officers (2 for, 4 against, 8 abstain)
- Sherman's vote abstain
- Review of process defined by EC for 802.20 after confirmation failed
- Rules change proceedings on membership rules
- Issues concerning initial membership
- Issues concerning membership retention
- Discussions on typical election results
- Discussions on block voting
- Ongoing appeals processes for confirmation vote
- Participation of consultants
- Alternate voting processes

Khurram Sheikh presented "Operator System Requirements for MBWA" (C802.20-03/53).

#### Discussion:

- Backhaul traffic
- Channel bandwidth
- Terminology

Further discussion centered on the desirability for a correspondence group to continue requirements development (along with groups for channel and traffic modeling, and for evaluation methodology). Klerer suggested a target for completion of requirements in July, with the expectation that the review document will be clean enough for the first iteration of the 802.20 work plan.

Klerer suggested ground rules for participants. If one believes something is not right, suggest what you want. Anyone who proposes a requirement or modification should propose specific text.

Klerer will ask the IEEE to set up a reflector. Subscriptions will come to Klerer. It will be restricted to subscribers, but anyone can subscribe. It will not be cross-checked against the subscriber list. It is open to non-members of the working group.

(As indicated at the end of these minutes, a summary of information regarding these working groups is found in C802.20-03-10.)

The WG recessed at 5:12 p.m.

## Day 3, Wednesday, May 14, 2003

The WG reconvened at 8:15 a.m.

Todd Chauvin presented "Criteria for Network Capacity" (C802.20-03/33r1). The presentation version of this contribution is found as C802.20-03/56.

#### Discussion:

- Limitations of single-cell analysis
- Traffic model
- Spectral efficiency and guard bands
- Cross-checking of simulations
- TCP modeling

Farooq Kahn presented "Evaluation Methodology for MBWA" (C802.20-03/35).

#### Discussion:

- Methodology in context of 802.11b
- Overhead on IP-based network
- Resources needed for modeling

Marianna Goldhammer presented "Selected topics on Mobile System Requirements and Evaluation Criteria" (C802.20-03/32r1). The accompanying presentation is found as C802.20-03/58).

Break at 9:50. Reconvene at 10:35.

Ayman Naguib presented "802.20 Evaluation Methodology Strawman - 00" (C802.20-03/43. The accompanying presentation is C802.20-03/57.

# Discussion:

- Comparison with 3G methodologies
- Need for common set of assumptions and definitions
- Consideration of 802.20 for an 802.11-type indoor space
- Evolution of traffic models
- Delay spread
- IMT-2000 models

Klerer said the requirements correspondence group will determine what is simulated, and that would include a determination on simulating voice.

Upton said that was the final paper for this segment.

It was proposed to start an evaluation group, and Farooq Khan agreed to lead it. The frame of reference will be similar to the requirements group.

It was decided to have traffic and channel models as a separate group, and not have such models in the evaluation group.

Rules were discussed for the correspondence groups. Ground rules were to include the following:

- Drive toward a consensus in the correspondence group leading to a contribution for the July meeting.
- Build the document from the ground up starting with contributions.
- Keeping alternatives in text is acceptable.
- The correspondence group participants reserve the right to contribute separately. Contributors are expected to provide text that they would like.

Glenn Golden agreed to lead the traffic and channel models group. Klerer said he would prepare closing slides for each of the three groups -- requirements, evaluation, and traffic and channel models.

Regarding the September meeting, Klerer noted that if 802.20 decides to participate with 802.11 and 802.15, 802.20 would have equal say as those groups on whether or not to proceed with the meeting if SARS remains an issue.

Recess for lunch at 11:50 a.m. Reconvene at 1:13 p.m.

Achilles Kogiantis presented "Channel Modeling for MBWA" (C802.20-03/42).

#### Discussion:

- Comparison with 3GPP and 3GPP2 models
- Software to help implement the model

Branislav Meandzija presented "Network Architecture Considerations in Support of the MBWA Design" (C802.20-03/31r1).

#### Discussion:

- Comparison of slide 12 switch with GGSN
- Mobile IP versus Simple IP
- Comparison with the GPRS/UMTS model
- Assumptions above the MAC and PHY layers
- Comparison with 3GPP2 model
- Simple IP versus Mobile IP
- VoIP support

Break at 2:53 p.m. Reconvene at 3:33 p.m.

Gang Wu presented "Requirements to Support Network Layer Mobility (Rev 1) (C802.20-03/39r1).

#### Discussion

- Desirability of creating a convergence layer that all IEEE 802 Working Groups would have to support
- IEEE 802 Executive Committee Study Group addressing handoff
- Multiprotocol Label Switching (MPLS)

Insoo Sohn presented "Comparison of SFBC and STBC for Transmit Diversity in OFDM System" (C802.20-03/49).

#### Discussion

- Use of coding in system
- MIMO channel model (slide 9)

Klerer said C802.20-03/52 would not be presented at this time. A related METRA model paper is found as C802.20-03/50. The METRA paper is to be considered by the channel modeling group as input. Contribution C802.20-03/48 is another related paper.

The WG recessed at 4:23 p.m.

# **Day 4, Thursday, May 15, 2003**

The WG reconvened at 8:00 a.m. for the final half-day of meetings for the week.

The WG discussed file formats and document numbering. Main points of discussion were as follows:

- IEEE appears to have no uniform recommended document numbering scheme.
- Adobe "PDF" file formats versus Microsoft "DOC" or "PPT" formats
- PDF protects against inadvertent changes
- Microsoft Word is helpful to conduct a drafting process as it can show comments and changes. When a version is agreed to, a PDF file could be generated.
- Word performs differently on every platform with respect to viewing and presentation layout aspects.
- PDF is as only as good as its input.
- Word to Framemaker conversion is problematic.

Gang Wu presented "A Discussion on WG Operating Procedure" (C802.20-03/40r1).

#### Discussion:

- File naming and formats
- WG mailing lists

The consensus during further WG discussion is to change nothing now for file names. They will remain short with no text descriptors.

PowerPoint slides will have white backgrounds for readability. There is a reluctance to submit contributions in DOC and PPT formats --PDF is preferred due, in part, to its smaller file size.

Draft standards will be available in DOC (Word) format.

For multiple-part contributions, the same file number will have a suffix appended.

Klerer said he would get together with Gang Wu and send out a proposal.

There was a discussion of mailing lists, and the merits of private versus public lists. Communications among members on the current list is visible to non-members.

The WG discussed the September 2003 meeting venue and date, and whether or not to meet during the originally-scheduled week, and whether or not to meet in Singapore considering SARS concerns.

Options included 1) to go with 802.11 and 802.15 to Singapore in the currently scheduled week, 2) meet with 802.16 in the Denver area a week earlier, or 3) select a different meeting location or time for 802.20.

The consensus was to stay with the currently scheduled week. The discussion then turned to meeting location. Discussion points included the following:

- SARS and the improving SARS situation in Singapore

- IEEE is an international organization
- Certainty versus uncertainty

In a straw poll of Singapore versus Boulder as a meeting venue, the results were as follows:

- Singapore 39
- Boulder 7

The next straw poll provided the following results:

Meet in Singapore with 802.11 and 802.15
 Meet with 802.11 and 802.15 but not in not Singapore
 Meet in the Denver/Boulder area the same week

A final straw poll using the best two previous results provided the following:

Meet in Singapore with 802.11 and 802.15
Meet in the Denver/Boulder area the same week
24

It was decided to stay with Singapore for the currently scheduled week, and meet with 802.11 and 802.15. It was suggested that a go, no-go decision be made a month earlier, and Klerer said he would suggest it to the other Working Groups. He later made the suggestion to the 802.11 chair while that the chair was attending the 802.20 meeting. The 802.11 chair indicated his agreement.

It was agreed to have three correspondence groups: requirements, channel and traffic models, and evaluation criteria. E-mail reflectors will be set up for each one.

The 802.20 vice-chairs prepared closing slides containing details and ground rules for these groups (C802.20-03-10). Those slides also contain details on 802.20 contribution file formats and numbering.

The whole session was closed at 10:43.

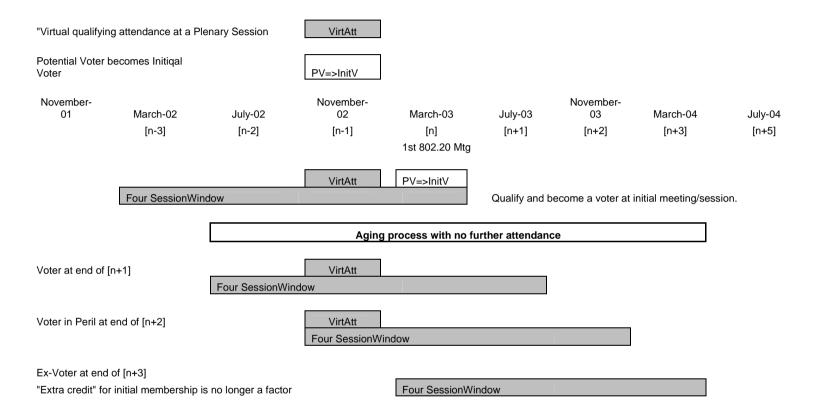
# Appendix A Session #2 Attendance

Last Name	First Name	Affiliation	Participation Credit Y	
Ahn	Jae Young	ETRI		
Allen	Kenneth	NTIA	N	
Ansari	Arif	Nextel	Y	
Aoki	Hidenori	NTT DoCoMo	Y	
Appaji	Anuradha	Samsung	Y	
Arefi	Reza	ArrayComm	Y	
Baum	Kevin	Motorola	Y	
Bernstein	Jeffrey	TMG	Y	
Bommareddy	Satish	Avaya	NO	
Bonneville	Herve	Mitsubishi	NO	
Buttar	Alistair	Motorola	NO	
Carson	Peter	Flarion Technologies	NO	
Chauvin	Todd	ArrayComm	Y	
Chickinsky	Alan	Northrop Grumman	Y	
Chindapol	Aik	Siemens	Y	
Crowley	Steven	DoCoMo USA Labs	Y	
Davies	Nigel	QinetiQ	Y	
Dennett	Steven	Nextel	Y	
Dorenbosch	Jheroen	Motorola	Y	
Eilts	Henry	Texas Instruments	Y	
Eline	Roger	Intel	NO	
Epstein	Mark	Qualcomm	Y	
Fan	John	Flarion Technologies	Y	
Froelich	Stuart	Nextnet Wireless	Y	
Gal	Dan	Lucent	Y	
Golant	Ben	Nextnet Wireless	Y	
Golden	Glenn	Flarion Technologies	Y	
Goldhammer	Marianna	Alvarion	NO .	
Gu	Young-Mo	Samsung	Y	
Guo	Qiang	Motorola	Y	
He	Xiaoning	DoCoMo USA Labs	Y	
Hinsz	Christopher	Symbol Technologies	Y	
Hong	Cheng	Panasonic Singapore	Y	
Horne	William	Mitre	NO	
Imamura	Daichi	Panasonic	NO	
James	David S.	ArrayComm	Y	
Jeong	Moo Ryong	DoCoMo USA Labs	Y	
Johnson	Brian	Nortel	NO	
Joo	Pan Yuh	Samsung	NO	
Kapoor	Samir	Falrion	Y	
Khan	Farooq	Lucent	Y	
Kimura	Shigeru	Kyocera	Y	
Klerer	Mark	9		

Last Name	First Name	Affiliation	Participation Credit
Kogianitis	Achilles	Lucent	Y
Kohl	Blaine	Bandspeed	NO
Kolze	Thomas	Broadcom	Y
Law	Choi	Nanyang Tech University	NO
Lee	Heesoo	ETRI	Y
Lee	Kyoung Seok	ETRI	Y
Li	Junyi	Flarion Technologies	Y
Li	Xiadong	Broadstorm	NO
Lu	Ben	NEC Labs	Y
Lycklama	Heinz	Vectrad Networks	NO
Ma	Xiaoli	Univ. Of Minnesota	NO
Maeng	Seung Joo	Samsung	Y
McCallum	lan	Intel	Y
McCann	Stephen	Siemens	NO
Meandzija	Branislav	ArrayComm	NO
Migaldi	Scott	Motorola	N
Mollenauer	James	Technical Strategy	Y
Murakami	Kazuhiro	Kyocera	Y
Naguib	Ayman	Qualcomm	Y
Ngo	Chiu Y	Samsung	Y
Nguyen	Paul Tuan	DISA	Y
Noble	Erwin	Apacheta	Y
O'Brien	Francis	Lucent	NO
Odlyzko	Paul	Motorola	Y
Oh	Min-Seok	LG Electronics	Y
Olivier	Bryan	Clearwire Technologies	Y
Paine	Richard	Boeing	NO
Pittampalli	Eshwar	Lucent	Y
Popescu	Paul	Farnce Telecom	Y
Praveen	Kumar	Consultant	NO
Prudhomme	Paul	Navini	Y
Ragsdale	James	Ericsson	Y
Rajkumar	Ajay	Lucent	Y
Rausch	Walter	Sprint	Y
Rommer	Stefan	Ericsson	Y
Rudolf	Marian	Interdigital	Y
Sakura	Shoji	Mitsubishi Electric	Y
Saviotti	Vanni	ST Microelectronics	Y
Sheikh	Khurram	Sprint	Y
Shelton	Tamara	Athene	NO
Shimada	Shusaku	Ando Electric	NO
Sohn	Insoo	ETRI	Y
Soika	Marvin	Apacheta	NO
Strauch	Paul	Toshiba Research Europe	NO
Su	Michael	Via Technologies	NO
Sutivong	Arak	Qualcomm	Y
Gullvorig	_ nan	Qualoutilli	ı

Last Name First Name		Affiliation	Participation Credit
Suzuki	Kei	Kyocera	Υ
Tamaki	Tsuyoshi	Hitachi	NO
Tomcik	James	Qualcomm	NO
Upton	Jerry	Consultant	Υ
Wang	Stanley	CyberTAN Technology, Inc	Υ
Ward Jr	Robert	SciCom	Υ
Watanabe	Fujio	DoCoMo USA Labs	Υ
Williams	Michael	Nokia	NO
Wilson	Joanne	ArrayComm	Υ
Wong	Jin Kue	Nortel	NO
Wu	Gang	DoCoMo USA	Υ
Xu	Guanghan	Navini	NO
Xu	Xiaofeng	Alcatel	Υ
Yaghoobi	Hassan	Intel	Y
Young	Bill	Navini	Υ
Youssefmir	Michael	ArrayComm	Y
Yuza	Masaaki	NEC	Υ

# Appendix B



Any full attendance credit after the initial session [n] negates the need to depend on the "Virtual Attendance at [n-1] to retain membership

# Sherman, Matthew J (Matthew)

From: Paul Nikolich [paul.nikolich@att.net]
Sent: Wednesday, April 30, 2003 3:57 PM

To: Paul Nikolich; IEEE802

Subject: [802SEC] Re: +++SEC EMAIL BALLOT+++ Updated Ballot Result: PASS-- Motion for WG Initial

membership interpretation

Dear SEC members,

I have been notified that did in fact not record votes. Bob Heile Voted APPROVE and Stuart Kerry Voted APPROVE before the close of ballot. These two approves change the result to PASS from FAIL. (To the remaining DNV voters-please either call or email me if I did not record your vote correctly). Mat, since the ballot PASSED, there is no need for a revised motion.

Given the ballot PASSED, the interpretation of the membership rules shall be followed as defined in the motion:

"Motion that until the P&P revision titled "WG membership" being balloted starting March 27th, 2003 is completed (estimated to occur at the end of the July 2003 IEEE 802 Plenary meeting) the line in the LMSC P&P section 5.1.3.2 titled "Retention" reading:

'Membership is retained by participating in at least two of the last four Plenary session meetings.'

Should be interpreted as reading:

'Membership is retained by participating in at least two of the last four Plenary sessions. (An individual who attains membership by participation and attendance at the first meeting of a new Working Group is assumed to have the right to retain that membership by the granting of credit for 'full virtual attendance' at the plenary session that would be immediately previous to the first working group plenary session.)'"

Regards,

--Paul Nikolich

---- Original Message -----

From: Paul Nikolich
To: Paul Nikolich; IEEE802

Sent: Wednesday, April 30, 2003 4:20 PM

Subject: +++SEC EMAIL BALLOT+++ Ballot Result: FAIL-- Motion for WG Initial membership interpretation

Dear SEC members.

The ballot closed as of 9PM April 29, 2003. The ballot result is FAIL. However, there are many DNVs (did not votes)-5-- in this email ballot, which makes me concerned I might have missed counting votes. If I mistakenly did not count your vote, please notify me immediately.

Mat, Geoff, given this interpretation failed, please review the comments on the ballots and consider submitting a new motion to resolve the DISS/DNVs.

Regards,

--Paul Nikolich

The vote tally as of the close of the ballot is as follows:

Vote categories:	DIS	DNV	APP	ABS
01 Geoff Thompson			APP	
02 Mat Sherman			APP	
03 Buzz Rigsbee		DNV		
04 Bob O'Hara		DNV		
05 Bill Quackenbush	DIS			
06 Tony Jeffree	DIS			
07 Bob Grow			APP	
08 Stuart Kerry		DNV	'	
00 Bob Heile		DNV		
10 Roger Marks			APP	
11 Mike Takefman			APP	
12 Carl Stevenson	DIS			
13 Jim Lansford		DNV		
	al: -03-	-05-	-05	500-

7 APPROVES required to PASS, 05 APPROVES received, ballot FAILS

----- Original Message ----From: Paul Nikolich
To: IEEE802

Sent: Monday, April 14, 2003 8:23 PM

Subject: [802SEC] +++SEC EMAIL BALLOT+++ Email Ballot: Motion for WG Initial membership interpretation

Dear SEC,

This is a 15 day SEC email ballot on a Motion to Interpret the LMSC P&P rule on Working Group Initial Membership as moved by Mat Sherman and seconded by Geoff Thompson.

The email ballot opens on Monday April 14, 2003 9PM EDT and closes Thursday April 29, 2003 9PM EDT.

Please direct your responses to the SEC reflector with a CC directly to me (p.nikolich@ieee.org).

Regards,

--Paul Nikolich

---- Original Message -----

From: mjsherman@research.att.com

To: paul.nikolich@att.net Cc: thompson@ieee.org

Sent: Monday, April 14, 2003 5:57 PM

**Subject:** Motion for WG Initial membership interpretation

Paul,

I wish to formally make a motion concerning the interpretation of the current initial membership rules. The motion I would like to make is as follows:

\_\_\_\_\_

"Motion that until the P&P revision titled "WG membership" being balloted starting March 27th, 2003 is completed (estimated to occur at the end of the July 2003 IEEE 802 Plenary meeting) the line in the LMSC P&P section 5.1.3.2 titled "Retention" reading:

'Membership is retained by participating in at least two of the last four Plenary session meetings.'

Should be interpreted as reading:

'Membership is retained by participating in at least two of the last four Plenary sessions. (An individual who attains membership by participation and attendance at the first meeting of a new Working Group is assumed to have the right to retain that membership by the granting of credit for 'full virtual attendance' at the plenary session that would be immediately previous to the first working group plenary session.)'"

\_\_\_\_\_

-----

Geoff Thompson helped develop this motion, and has agreed to second it. Note that based on recent discussions it is somewhat different than the motion I said I would first make on the reflector. This motion maximally protects the voting rights of initial members by ensuring retention of their rights through the first 4 plenary sessions. We believe this is the motion that has the greatest chance of success. If this fails, we may want make a second motion which we would want to complete before the end of the upcoming wireless interim session. Since the motion is reasonably concise we would prefer a 15 day ballot period for this interpretation to allow time for a second round if needed.

Regards,

#### Mat

Matthew Sherman
Vice Chair, IEEE 802
Technology Consultant
Communications Technology Research
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