Standards Working Group IEEE P802.11

Wireless Access Method and Physical Layer Specifications
Homepage at http://grouper.ieee.org/groups/802/11

IEEE COMPUTER SOCIETY

Washington
Los Alamitos
Brussels
Tokyo
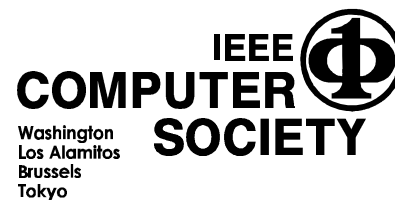
To,

Reply to: Vic Hayes, Chair, IEEE P802.11
Lucent Technologies Nederland B.V.
Zadelstede 1-10
3431 JZ Nieuwegein, the Netherlands
phone: +31 30 609 7528
fax: +31 30 609 7556
e-mail: v.hayes@ieee.org

Nieuwegein, June 15, 1998,

Dear Madam or Sir,

IEEE P802.11 is a standards working group on wireless local area networks with a recently published Medium Access Control (MAC) Layer and three Physical (PHY) Layers that support 1-2 Mbit/s data rates at 2.4 GHz (FH & DS) and Infrared. We also have new projects considering higher data rates in the 2.4GHz and 5GHz spectrum. Also, during the March 1998 802 LMSC Plenary, a Study Group was formed to investigate the MAC & PHY Layers for Wireless Personal Area Networks (WPANs).

This study will examine the requirements for WPAN for PCs, HPCs, peripherals, and consumer electronic devices to communicate and interoperate with one another in the home, office, etc. The WPAN Study Group is seeking industry input on market requirements and technical solutions for a WPAN with 0 to 10 meter range, data rates of less than 1 Mbit/s, low power consumption, small size less than 0.5 cubic inches and low cost relative to target device. One of the first applications anticipated is for wireless communications for Wearable computing devices.

During the April 1998 meeting of the WPAN Study Group they identified a number of groups with whom they felt I should establish a liaison relationship. These groups are (but not limited to):

- ATM Forum Wireless ATM (WATM) Working Group
- ETSI Broadband Radio Access Networks (BRAN) Project
- Home Radio Frequency Working Group (HRFWG)
- Infrared Data Association (IrDA)
- Internet Engineering Task Force (IETF)
- Wireless LAN Alliance (WLANA)

It is the Study Groups belief that there may be information or activities going on within your organization which could be helpful to their work and visa versa. We would like to include you on our list for meeting announcements and minutes and would like to solicit the same for you. Our current meeting schedule is the following:

Date	Month	Year	Place	Type	Location	Host
6-10	Jul	1998	La Jolla, CA	Plenary	Hyatt Regency	
14-18	Sept	1998	Waltham, MA, tent	Interim WG		Raytheon
8-13	Nov	1998	Albuquerque, NM	Plenary	Hyatt Regency	
7-12	March	1999	Austin, TX	Plenary	Hyatt Regency, Town Lake	
4-9	July	1999	Montreal, PQ	Plenary	Queen Elisabeth Hotel	
7-12	Nov	1999	Koloa, HI	Plenary	Hyatt Regency Kauai	

The P802.11 Working Group is part of the IEEE 802 LMSC (LAN MAN Standards Committee) responsible for Ethernet, Token Ring, Wireless and Bridging Standards. The IEEE 802 LMSC is sponsored by the IEEE Computer Society and submits standards through the IEEE Standards Association.

Yours sincerely

Vic Hayes, Chair IEEE P802.11

Headquarters Office
1730 Massachusetts Avenue, N.W.
Washington, D.C. 20036-1903
(202) 371 0101
TWX: 7108250437 IEEE Compso
FAX: (202) 728 9614

Publications Office
10662 Los Vaqueros Circle
Los Alamitos, CA 90720
Phone:(714) 821 8380
TWX: 7108250437 IEEE Compso
FAX: (714) 821 4010

European Office
13 Avenue de l'Aquilon (rez A)
1200-Brussels, Belguim
Phone: +32 2 770 21 98
TWX: 25387 AVVALB
FAX: +32 3 660 30 14

Asian Office
Ooshima Building
2-19-1 Minami Aoyama
Minato-ku
Tokyo 107 Japan
Phone: +81 3 408 3118
FAX: +81 3 408 3553

IEEE P802.11 LAUNCHES WEARABLE COMPUTER WIRELESS PAN STUDY GROUP

CONTACTS:

IRVINE, CA 12 March 1998 - IEEE P802.11 Working Group announced today the formation of a study group to identify a project for standardization of a LAN for wireless communications for Wearable computing devices. This study will examine the requirements for Wireless Personal Area Networking (WPAN) of PCs, peripherals, and consumer electronic devices to communicate and interoperate with one another.

Wearable Computers are defined as unobtrusive computing devices, networking devices, software and peripherals - which are worn or carried by individuals - that will enhance their ability to perform productive work as well as provide entertainment.

The Study Group is soliciting industry input on market requirements and technical solutions for a wireless personal area network (WPAN) with 0 to 10 meter range, data rates of less than 1Mbit/s, low power consumption, small size less than 0.5 cubic inches and low cost relative to target device.

To participate in the upcoming meeting, 19-21 May 1998 in Irving, TX, USA, contact: Dick Braley (information above), Bob Heile (Phone: +1-617-873-4835, E-mail: bheile@bbn.com), or Ian Gifford (Phone: +1-978-442-4650, E-mail: giffordi@macom.com).

For more information about the recently published IEEE P802.11 Working Group WLAN standard or any of the other IEEE standards call +1-800-678-IEEE (4333); outside of the USA and Canada: call +1-908-981-1393. See also the Web page at http://grouper.ieee.org/groups/802/

****

IEEE P802.11 Working Group is a standards working group on wireless local area networks currently with projects considering higher data rates at 2.4GHz and 5GHz. The P802.11 Working Group is part of the IEEE 802 LMSC (LAN MAN Standards Committee) responsible for Ethernet, Token Ring, Wireless and Bridging Standards. The IEEE 802 LMSC is sponsored by the IEEE Computer Society and submits standards through the IEEE Standards Association.

The IEEE Computer Society is the oldest and largest association of computer professionals in the world. It offers its 100,000 members comprehensive program of publications, meetings, and technical and educational activities, encouraging an active exchange of information, ideas, and innovation. The society is the world's leading publisher of technical material in the computing field. No other professional or commercial organization comes close to matching the Computer Society in terms of the quality, quantity, or diversity of its publications. Headquartered in Washington, DC, the society serves its members from offices in Los Alamitos, California, USA; Tokyo, Japan; and Brussels, Belgium. The society is the largest technical society within the Institute of Electrical and Electronics Engineers, Inc. (IEEE).