

Date: 17 August 1999

To: Mr. David Hendon, DTI
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From: Judith Gorman
Managing Director
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Subject: Request to consider adopting the 802.11a 5 GHz Wireless LAN standard within the HIPERLAN family of standards

Reference: IEEE-SA/ETSI Agreement 21 April 1999, clause 5
802.11-99/104r1- Request to BRAN to consider adopting 802.11a within HIPERLAN family

As I am sure you are aware, last year Karl Heinz Rosenbrock and I signed the attached Cooperation Agreement between ETSI and IEEE-SA, which included among other things guidelines for the two bodies to adopt each other's standards. I am writing to you now because some members of IEEE 802 would like to see one of their documents adopted by ETSI at this time.

IEEE 802.11 is developing several wireless standards that are being coordinated with ETSI to enable their implementation in Europe in both the 5 GHz band and the 2.4 GHz band. These standards will face obstacles in Europe, since the license exempt bands at 5 GHz in Europe are designated by CEPT for the HIPERLAN devices.

The development of the 802.11a High Speed Physical Layer for the 5 GHz band is nearing its completion. The development was tightly coordinated with the ETSI BRAN Project. The resulting Physical Layer shares all its major parameters with HIPERLAN/2 in terms of modulation and channelization. Several significant changes made to 802.11a are a result of adopting BRAN's comments. IEEE thanks the BRAN members and in particular the PHY chair, Jamshid Khun-Jush, for participating in the process and for the expertise they contributed.

IEEE-SA asks that ETSI, as a body which continues to develop the HIPERLAN family of standards within the BRAN working group, consider adopting the IEEE 802.11 with the 802.11a Physical Layer as a member of the HIPERLAN family to enable their deployment in Europe.

There are, of course, business issues involved as well. I propose that our respective professional staffs begin discussion of these issues. Karen Rupp, Director of Staff Operations, will be our main contact in this area.

Sincerely,

Judith Gorman
Managing Director

Attachment: Cooperation Agreement between ETSI and IEEE-SA (for 802.11: doc.: 99/158)

cc:

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Karl Heinz Rosenbrock, Director-General, ETSI