
IEEE P802.11
Wireless LANs

To: Mr. Jan Kruys, Project Manager, ETSI Project BRAN

Cc: Jamshid Khun-Jush, ETSI BRAN HIPERLAN/2 Standard Area Coordinator
Mr. K. Koga, MMAC
Jim Carlo, IEEE P802, Chairman
Howard Frazier, IEEE P802, Recording Secretary
Mary Shepherd, IEEE Standards Department, Intellectual Property Manager

Date: November 12, 1998

Reference: BRAN liaison statement, September 27, 1998

Enclosures: Doc P802.11-98/403 – Channelization Agreement Between IEEE802.11 and BRAN

Subject: Work Toward a Common PMD

Dear ETSI BRAN Officers and Members,

The IEEE P802.11 standards working group would like to inform you on the results of the November 1998 meeting and to ask you to consider the following in your coming meeting:

- 1) Jamshid presented the BRAN work which generated a lot of discussion about the differences in philosophy and approach. The bottom-line of the discussion and presentation was a list of issues for the Experts Group to work. There were two major issues that needed to be resolved, the channelization and the sampling rate. By the end of the week, there was a mutual agreement to standardize on the channelization and sampling rate at 20MHz each.
- 2) The following work minor issues will be undertaken using both BRAN and IEEE resources to bring to the January 1999 joint meeting for a decision:
 - Preamble design/multiple preambles
 - Interleaving
 - Carrier recovery pilot vs. decision aided
 - Coexistence/Interoperability
- 3) In the previous liaison letter (October 1998), we listed a number of actions that IEEE 802.11 has taken to meet the requirements of a common PMD. The primary action has been modified and is listed below:
 - The October liaison letter from IEEE to BRAN offered the change to 18MHz channelization. This change has been revoked and the agreed-upon channelization of 20MHz will be used by both IEEE 802.11 TGA and BRAN.
- 4) IEEE 802.11 is issuing its Task Group A draft to letter ballot. BRAN is invited to participate in the letter ballot process and contribute to comments and recommendations on this draft. The comments by BRAN members will be processed, with all the other comments, during the January 99 meeting.

This meeting with the representatives of BRAN was very successful. This was a major step toward a common PMD for 5.15GHz across the world. Jamshid and Mika, who were members of the BRAN Common PMD Experts Group, were instrumental. Such an agreement would have been impossible without their patient and enthusiastic support. We are very thankful for their presence and their participation.

Sincerely,

Vic Hayes, Chairman IEEE P802.11,

Naftali Chayat, 802.11 TGa Chairman

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Attachments: IEEE 802.11
doc.: P802.11-98/403 – Channelization Agreement Between IEEE802.11 and BRAN