

August 2001**doc.: IEEE 802.11-01/14 r0**

IEEE 802
Regulatory matters

Liaison to ETSI Project BRAN

To: Jamshid Khun-Jush, Dr.-Ing., Chairman, ETSI Project BRAN

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Date: July 11, 2001

Subject: Worldwide Spectrum allocation at 5GHz for Mobile/Nomadic applications

Dear Jamshid,

Thank you for your recent statement (ETS-BRAN 24d129) apprising IEEE 802 of the position developed by ETSI Project BRAN regarding frequency allocation and harmonization in the 5°GHz band.

We would like to inform you that the most effective way for liaison between ETSI Project BRAN and IEEE 802 Working Groups is to address the liaison statements to the Regulatory Ombudsman of IEEE 802. Vic Hayes is currently performing that function.

IEEE 802 has been engaged in the process of exploring harmonization between IEEE 802 and ETSI Project BRAN standards for mobile/nomadic applications.

We agree that forming a unified position between the worldwide standards bodies will enable the RLAN community to develop significant momentum in developing mobile/nomadic applications suitable for worldwide deployment in these bands.

IEEE 802 supports a unified position with regard to 5GHz allocation (5150-5350 MHz, 5470-5725 MHz) for mobile/nomadic applications. In these bands, the IEEE 802.11 (and probably also IEEE 802.15) family of standards should be used to conduct sharing analysis with other services.

Within the IEEE 802 community, the primary band of interest for standards development supporting fixed wireless access deployment is the 5.8 GHz band (5725-5825 MHz). Accordingly, IEEE 802 reaffirms its support for fixed wireless access application development in the 5.8 GHz band based on the applicable IEEE 802.16 standards now under development. In addition, we note that there is currently a United States FCC proceeding to extend the upper limit of this band to 5850 MHz.

With best regards,

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