

June 20, 2011

Ex Parte

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: Promoting More Efficient Use of Spectrum Through Dynamic Spectrum Use Technologies, ET Docket No. 10-237; Unlicensed Operation in the Television Broadcast Bands, ET Docket Nos. 04-186, 02-380

Dear Ms. Dortch:

On June 16, 2011, Dan Reed, Corporate Vice President of Technology Strategy and Extreme Computing for Microsoft Corporation, Paula Boyd, Director, Government and Regulatory Affairs for Microsoft Corporation, and the undersigned, met with Amy Levine, Special Counsel to the Chairman, Ruth Milkman, Chief of the Wireless Telecommunications Bureau, John Leibovitz and Robert Alderfer, of the Wireless Telecommunications Bureau, and Geraldine Matise, Hugh Van Tuyl and Bruce Romano of the Office of Engineering and Technology, on the topic of white spaces and unlicensed technologies.

During this meeting, Mr. Reed commended the Commission for its work on television white spaces policy issues; highlighted the benefits of unlicensed access to spectrum below 1 GHz in the TV white spaces, including superior propagation characteristics and range compared with existing Wi-Fi frequencies; described advances and investment in white spaces technologies, including trials on Microsoft's Redmond campus and a major new trial in the United Kingdom; and described white spaces advances in countries around the world and in standards-setting organizations.

Mr. Reed also described a range of the potential white spaces applications, including whole-home or whole-building wireless networking; campus-wide networking; entertainment and gaming; municipal operations such as environmental monitoring and security; rural broadband access as has been demonstrated in the Claudville, VA trial; educational networking; machine-to-machine communication; and inventory and logistics.

Mr. Reed also discussed the increasing importance of unlicensed technologies across the economy. In particular, he noted studies showing that traffic using unlicensed spectrum will soon surpass traffic using wired networks; the use of unlicensed spectrum to offload traffic from licensed wireless networks; the importance of unlicensed spectrum for the growing "Internet of Things;" and the use of unlicensed spectrum in various user scenarios such as for intelligent transportation, automotive applications and gaming.

Ms. Marlene H. Dortch

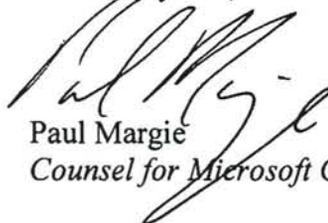
June 20, 2011

Page 2 of 2

In addition, the group discussed the need for quick resolution of pending FCC matters related to white spaces, including pending Petitions for Reconsideration of the FCC's white spaces order; pending matters related to white spaces database administrators; the recommendation in the National Broadband Plan for a new contiguous unlicensed spectrum band; and the need to use the Dynamic Spectrum Access Proceeding to reduce barriers related to the use of cognitive radios.

Pursuant to the Commission's rules, a copy of this notice is being filed electronically in the above-referenced dockets. If you require any additional information please contact the undersigned.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Paul Margie", written over the typed name.

Paul Margie
Counsel for Microsoft Corporation

cc: meeting attendees