

EX PARTE OR LATE FILED



CITY OF TERRELL

April 6, 2001

98

2001 APR 20 P 12:02

Henry C. Madgwick, Sr.
Mayor

Lee T. Schaeffer
Mayor Pro Tem

Tommy E. Spencer
Council Member

Frances R. Anderson
Council Member

James M. Huffman
Council Member

Gordon C. Pierce
City Manager

The Honorable Michael K. Powell
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

Re: **WT Docket No. 00-32**

98-237

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Dear Mr. Chairman,

I am writing on behalf of the City of Terrell Fire Department to express our concerns about the FCC's intention to auction 50 MHz of spectrum in the 4940-4990 MHz (4.9 GHz) band, rather than allocating this critically needed spectrum to public safety for new broadband public safety applications.

Back in 1996, the public safety commission identified the need for 95 MHz of additional spectrum to meet our communications needs over the next ten years. Of this amount, the greatest need will be for advanced wideband and broadband technologies. To date, the FCC has allocated 24 MHz to public safety users in the new 746 MHz band. There are new emerging broadband technologies and applications appearing on the horizon that will require significantly wider bandwidths.

Solutions such as personal area networks (PAN) can wirelessly integrate a variety of lifesaving tools into the firefighter's suit and helmet. These include biometric and environmental sensors, 3D location, video and thermal imaging cameras, wireless microphones and earpieces, and voice recognition to allow complete hands-free and wire-free operation of all communications. High speed wireless data links transmit this vital information to fire ground command centers, allowing them to constantly monitor the location and vital signs of all firefighters and help them navigate through smoke-filled burning buildings. These technologies could provide a critical link for quickly locating disoriented or downed firefighters before fatal injuries are sustained. Very large data and image files can be rapidly and wirelessly transferred within Wireless Local Area Networks (WLAN), enabling graphics such as maps, images, and building blueprints to be downloaded into fire vehicle mobile computers as they leave the firehouse. WLAN technology will also enable fire ground command

P. O. Box 310 • 201 E. Nash Street • Terrell, Texas 75160 • (972) 551-6600

The mission of the City Council of the City of Terrell, Texas, is to create pride by serving the community in a proactive manner and to enhance the quality of life through providing the highest level of services in the most efficient manner.



centers to employ full motion video for remote controlled robotics in intense fires, hazardous material and bomb disposal, and dangerous search and rescue operations. This technology would allow real time transmission of video and imagery from aircraft to fire ground commanders.

Although unlicensed consumer oriented broadband technologies are on the horizon in the nearby 5GHz band, public safety agencies cannot rely on unlicensed spectrum for our mission critical applications. We must have dedicated spectrum and systems that assure the safety of our personnel via immediate priority access, uninterrupted transmissions, and guaranteed coverage and reliability. The proximity of this unlicensed band to the proposed public safety 4.9GHz allocation allows us to leverage such standards based broadband technologies and yet have the dedicated, reliable, secure, and enhanced featured broadband solutions that we require for our mission critical applications.

The City of Terrell Fire Department urges you and the Commission to recognize our broadband spectrum needs and allocate this much needed 4.9GHz band to the public safety community. Obtaining this spectrum is a critical step for public safety agencies such as ours to access these new advanced broadband solutions for our mission critical applications.

Sincerely,

A handwritten signature in black ink that reads "Michael Roscoe". The signature is written in a cursive style with a large, prominent initial "M".

Michael Roscoe
Fire Chief

cc: Office of the Secretary
Ms. Magalie Roman Sallas
445 12th Street, SW
Washington, D.C. 20554

CITY OF TERRELL

P.O. BOX 310
Terrell, Texas 75160

Department 12

The Honorable Michael K. Powell
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

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Indianapolis, IN 46201-3876



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The Honorable Michael K. Powell
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554



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March 26, 2001

The Honorable Michael K. Powell
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

2001 APR 20 P 12:03

98-237

RE: WT Docket No. 00-32

Dear Mr. Chairman,

I am writing you on behalf of the City of Beech Grove Fire Department to express our concern about the FCC's intention to auction 50 MHz of spectrum in the 4940-4990 MHz (4.9 GHz) band, rather than allocating this critically needed spectrum to public safety for new broadband public safety applications.

Back in 1996, the public safety community identified the need for 95 MHz of additional spectrum to meet our communications needs over the next ten years. Of this amount, the greatest need will be for advanced wideband and broadband technologies. To date, the FCC has allocated 24 MHz to public safety users in the new 746 MHz band. There are new emerging broadband technologies and applications appearing on the horizon that will require significantly wider bandwidths than this allocation.

Several of our representative public safety organizations, including APCO, IACP, and Major Cities Chiefs, have recently urged the FCC to allocate 50 MHz at 4.9 GHz for broadband public safety applications.

We fully support the above public safety organizations and we also urge you and the Commission to recognize our broadband spectrum needs and allocate this much needed 4.9 GHz band to the public safety community. Obtaining this spectrum is a critical step for public safety agencies such as ours to access these new advanced broadband solutions for our mission critical applications.

Sincerely,

Dev B Buckley
Fire Chief
Beech Grove Fire Dept.

Copy to:
Office of the Secretary
Ms. Magalie Roman Sallas
445 12th Street, SW
Washington, DC 20554

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The Honorable Michael K. Powell
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554





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PALM HARBOR FIRE RESCUE

250 West Lake Road
Palm Harbor, Florida 34684-3909
(727) 784-0454 • FAX (727) 785-9131
www.palmharborfd.com

James S. Angle
Fire Chief

April 6, 2001

EX PARTE OR LATE FILED

The Honorable Michael K. Powell, Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

RE: WT Docket No. 00-32

98-237

2001 APR 20 P 12:03

Dear Mr. Chairman,

I am writing you on behalf of Palm Harbor Fire Rescue to express our concern about the FCC's intention to auction 50 MHZ of spectrum in the 4940-4990 MHZ (4.9 GHz) band, rather than allocating this critically needed spectrum to public safety for new broadband public safety applications.

Palm Harbor Fire Rescue is a professional department providing fire suppression, EMS and Hazardous Material responses to the Palm Harbor community of approximately 60,000 citizens. Palm Harbor Fire Rescue employs 54 cross-trained fire/rescue personnel, operating from 4 stations. In 2000 our department responded to over 7200 incidents .

Back in 1996, the public safety community identified the need for 95 MHZ of additional spectrum to meet our communications needs over the next ten years. Of this amount, the greatest need will be for advanced wideband and broadband technologies. To date, the FCC has allocated 24 MHZ to public safety users in the new 746 MHZ band. There are new emerging broadband technologies and applications appearing on the horizon that will require significantly wider bandwidths than this allocation.

Several of our representative public safety organizations, including APCO, IACP, and Major Cities Chiefs, have recently urged the FCC to allocate 50 MHZ at 4.9 GHz for broadband public safety applications.

We fully support the above public safety organizations and we also urge you and the Commission to recognize our broadband spectrum needs and allocate this much needed 4.9 GHz band to the public safety community. Obtaining this spectrum needs and allocate this much needed 4.9 GHz band to the public safety community. Obtaining this spectrum is a critical step for public safety agencies such as ours to access these new advanced broadband solutions for our mission critical applications.

If you have any questions, please do not hesitate to contact me at 727-784-0454. Thank you for your attention in this matter.

Sincerely,

James S. Angle
Fire Chief

Copy to:
Office of the Secretary
Ms. Magalie Roman Sallas
445 12th Street
Washington, DC 20554

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PALM HARBOR FIRE DEPARTMENT

250 West Lake Road
Palm Harbor, Florida 34684



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Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

