

SHERIFF

KING COUNTY

KING COUNTY SHERIFF'S OFFICE
516 Third Avenue W-116
Seattle, WA 98104-2312
Tel: (206) 296-4155 • Fax: (206) 296-0168

David G. Reichert
Sheriff
April 9, 2001

EX PARTE OR LATE FILED

WT Doclet No. 00-321

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MAY 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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

RE: The Public Safety Bandwidth Issue

Dear Mr. Powell:

Here in King County, Washington, in addition to the Sheriff's Office (650 commissioned personnel) we have over 35 local law enforcement agencies, port police, federal law enforcement, fire departments and emergency medical response units. We together serve over 1.7 million citizens across over 2,200 square miles of county.

Like many other agencies in the U.S., our ability to communicate over the 800Mhz bandwidth has been compromised and is declining as segmented commercial use in the band is increasing. This is a serious threat to public safety.

It is my understanding that your agency has a work group that has produced a "best practices" document to help mitigate some of the problems associated with the 800Mhz crowding and interference issue. We are involved in intense efforts on a local level. But I fear it is not enough. I am writing today on behalf of the nation's 12th largest county because I believe that a more permanent solution is needed.

Mr. Powell, I am in my 30th year of law enforcement. Thirty years ago I could not imagine the types of crime and criminals we are now dealing with. I shudder to think what it might be like thirty years from now. I certainly did not believe back then that I would be begging for a way to communicate reliably with my deputies, fire departments and medical emergency responders. But that's where we are.

Our recent 6.8 magnitude earthquake here in Washington was a sobering reminder to me of the severity of the bandwidth issue. Had there been more physical destruction, there would have been lives lost that I could have attributed to the emergency radio communications bandwidth problem. We experienced tremendous difficulties in our communications as that event unfolded. Luckily, there was a minimum of injury associated with the Nisqually quake.

The FCC should act immediately to establish a permanent, national public safety and emergency responder bandwidth.

We must ensure that police, fire and medical response can be provided to our citizens with certainty and confidence. Many of my colleagues across the country are experiencing radio communications problems. Unfortunately, we all have the same fiscal responsibility and financial reality. Many of us have already invested millions of our taxpayer's dollars into "new" systems. We are unable to simply "move" our communications systems into a different bandwidth, as has been suggested in different circles.

Mr. Powell, I believe it is time for the FCC to coordinate a permanent solution to the public safety bandwidth problem and I respectfully urge you to act swiftly on this issue. Lives are at stake every day.

Sincerely,



David G. Reichert
King County Sheriff

Cc: Honorable Jennifer Dunn, United States Congress
Honorable Adam Smith, United States Congress
Honorable Jay Inslee, United States Congress
Honorable Patty Murray, United States Congress
Honorable Maria Cantwell, United States Congress
National Sheriff's Association
Honorable Ron Sims, King County Executive
Larry Erickson, Washington Association of Sheriff's and Police Chiefs
Sheriff Dale Brandland, Washington Sheriffs Association
Rick Kieffer, King County Chiefs Association
Steve Eggert, King County Police Officers Guild

Newark

Sharpe James
Mayor

LIA 9-5

**Department of Police**31 Green Street
Newark, New Jersey 07102
973-733-6007Joseph J. Santiago
Police Director

April 17, 2001

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARYThe Honorable Michael K. Powell
Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554**Re: WT Docket No. 00-32**

Dear Mr. Chairman:

I am writing you on behalf of the City of Newark Police 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. The City of Newark Police Department is currently serving 274,738 citizens. The use of modern technology is paramount for the continued mission of reduction in crime and improving the quality of life in the City of Newark.

Back in 1996, the public safety community identified the need for 97.5 MHz of additional spectrum to meet our communications needs over the next ten years. Of this amount, the greatest amount of spectrum will be for advanced wideband and broadband technologies. To date, the FCC has allocated only 24 MHz of narrow band spectrum to public safety users in the new 746 MHz band. There are new emerging broadband technologies, custom tailored for Public Safety, appearing on the horizon that will require significantly wider bandwidths.

Solutions such as personal and vehicular area networks can wirelessly integrate a variety of existing and future devices to provide a safer environment for our officers. These include image and video cameras and viewers, mobile data terminals and all their peripheral devices, palmtops, wireless long range headsets, microphones, earpieces and voice recognition to allow complete hands free operation. Very large data and image files can be rapidly and wirelessly transferred within Wireless Local Area Networks (WLAN), enabling images/fingerprints of wanted or missing persons, video clips of robberies, maps and layouts to be downloaded into police vehicle mobile computers as they leave the precinct. This same technology will also allow wireless uploads of videos, images and reports from the police vehicle to the command center.

Michael K. Powell, Chairman, FCC
April 17, 2001
Page 2

WLAN technology will also enable command centers to employ full motion video for remote controlled robotics in terrorist and other highly dangerous operations, and monitoring of officers or suspects in officer assistance and high risk situations to allow on scene decision making and assistance based on video transmissions. This technology would allow real time transmission of video and imagery from surveillance helicopters to command centers.

We must have dedicated spectrum and systems that assure the safety of our personnel via immediate priority access, uninterrupted transmissions, security and guaranteed coverage and reliability. The proximity of the unlicensed 5 GHz spectrum to the proposed public safety 4.9 GHz allocation would allow us to leverage commercially developed broadband technologies and yet have the dedicated, reliable, secure and enhanced featured broadband solutions that we require.

The City of Newark Police Department urges 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,



Joseph J. Santiago
Director of Police

JJS/df

C: Ms. Magalie Roman Sallas
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Washington, DC 20554

TERRENCE B. SHERIDAN

Chief of Police



"INTEGRITY...FAIRNESS...SERVICE"

BALTIMORE COUNTY POLICE

Headquarters

700 East Joppa Road

Towson, MD 21286

(410) 887 - 2214

Fax (410) 821 - 8887

EX PARTE OR LATE FILED

April 18, 2001

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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

RE: WT Docket No. 00-32

Dear Mr. Chairman:

On behalf of the Baltimore County Police Department, I would like 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.

The Baltimore County Police Department currently protects and serves 720,662 citizens over 612 square miles. Reliance on improved technology and the solutions outlined below are critical to the Department's mission to enforce laws, safeguard life and property, while preventing and detecting crime.

In 1996, the public safety community identified the need for 97.5 MHz of additional spectrum to meet our communications needs over the next ten years. The greatest amount of spectrum will be for advanced wideband and broadband technologies. To date, the FCC has allocated only 24 MHz of narrow band spectrum to public safety users in the new 746 MHz band. There are new emerging broadband technologies, custom tailored for Public Safety, appearing on the horizon that will require significantly wider bandwidths.

Solutions such as personal and vehicular area networks can wirelessly integrate a variety of existing and future devices to provide a safer environment for our officers. These include image and video cameras and viewers, mobile data terminals and all their peripheral devices, palmtops, wireless long range headsets, microphones, earpieces and voice recognition to allow complete hands free operation. Very large data and image files can be



The Honorable Michael K. Powell
Page Two
April 18, 2001

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We must have dedicated spectrum and systems that assure the safety of our personnel via immediate priority access, uninterrupted transmissions, security, guaranteed coverage and reliability. The proximity of the unlicensed 5 GHz spectrum to the proposed public safety 4.9 GHz allocation would allow us to leverage commercially developed broadband technologies and yet have the dedicated, reliable, secure and enhanced featured broadband solutions that we require.

The Baltimore County Police Department urges 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,



Terrence B. Sheridan
Chief of Police

TBS:tm

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

Sheriff Jerry Keller, President, Major Cities Chief



EX PARTE OR LATE FILED

City of Chattanooga

FIRE DEPARTMENT
910 WISDOM STREET

Chattanooga, Tennessee 37406

Jon Kinsey
Mayor

Jim M. Coppinger
Chief

April 16, 2001

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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

RE: WT Docket No. 00-32

Dear Mr. Chairman:

I am writing you on behalf of the Chattanooga 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.

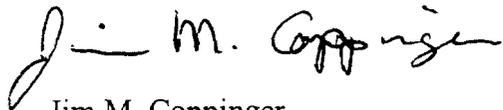
Back in 1996, the public safety community identified the need for 95 MHz of additional spectrum to meet our communications needs over the next ten years. Of this amount, the greatest need will be for advanced wideband and broadband technologies. To date, the FCC has allocated 24 MHz to public safety 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.

The Chattanooga Fire Department has 399 sworn firefighters who put their lives on the line every day to protect lives and property. Reliable communications is fundamental to firefighter safety.

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,

A handwritten signature in black ink that reads "Jim M. Coppinger". The signature is fluid and cursive, with the first name "Jim" being particularly prominent.

Jim M. Coppinger
Fire Chief

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



April 19, 2001

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

RE: WT Docket No. 00-32

Dear Mr. Chairman,

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

The Telecommunications Department at Erlanger is responsible for the dispatching of 20 sworn Police Officers for the Hospital. In addition, the Hospital operates both Ground and Air Ambulance services.

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 the 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, appearing to read "Bob Lewis".

Bob Lewis
Telecommunications Manager

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

TRI-COMMUNITY VOLUNTEER FIRE DEPARTMENT, INC.
A NON-PROFIT CORPORATION



EX PARTE OR LATE FILED

April 18, 2001

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

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

RE: WT Docket No. 00-32

Dear Mr. Chairman,

I am writing you on behalf of the Tri-Community Volunteer Fire Department to express our concern about the FCC's intentions 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 broadband applications.

We provide fire protection, medical first response, and rescue services for approximately 25,000 citizens of the suburbs of Chattanooga, Tennessee in Hamilton County with 80 volunteers.

Back in 1996, the public safety community identified the need for 95 MHz of additional spectrum to meet our communications needs for 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,

Duane R. Pitts, Fire Chief

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

LOS ANGELES POLICE DEPARTMENT



BERNARD C. PARKS
Chief of Police

P.O. Box 30158
Los Angeles, Calif. 90030
(213) 485-3202
Ref #: 9.1

RICHARD J. RIORDAN
Mayor

April 10, 2001

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

Reference: WT Docket No. 00-32

Dear Chairman Powell:

It is my understanding that the Federal Communications Commission (FCC) is expected to decide its allocation of the 4.9 GHz radio spectrum in May 2001. I am writing to you to urge the FCC to allocate the 4.9 GHz spectrum for public safety use instead of auctioning to commercial interests.

The Los Angeles Police Department (LAPD) is one of the largest municipal public safety agencies in the United States and has an authorized sworn personnel compliment of 10,300 officers. The LAPD provides municipal police services to a civilian population of approximately 3.5 million people, distributed over 465 square miles of city. To adequately provide services to this many people over such a large area requires many different communication system technologies such as voice radio, mobile data, high speed computer, and video systems. The LAPD and numerous other public safety agencies throughout the country are currently implementing, or planning to implement, new systems to provide such services as mobile video, wireless data networks, wireless crime and arrest reporting, digital imaging, wireless fingerprinting, and vehicle location and tracking systems.

The Los Angeles area, like almost all major cities across the country, is deficient in available radio spectrum resources to adequately implement the systems needed for modern and effective public safety services. The 4.9 GHz spectrum is ideal for the implementation of the above mentioned services. I urge the FCC to decide in favor of public safety and to allocate this critically needed spectrum to new public safety broadband applications.

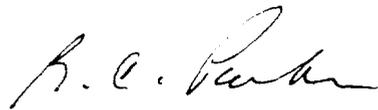
The Honorable Michael K. Powell

Page 2

9.1

Should the Commission have any questions or desire further information regarding this matter, please feel free to contact Chief Information Officer Roger Ham, Commanding Officer, Information and Communications Services Bureau, at (213) 847-3836.

Very truly yours,

A handwritten signature in black ink, appearing to read "B. C. Parks". The signature is fluid and cursive, with the first letters of each name being capitalized and prominent.

BERNARD C. PARKS
Chief of Police

c: Ms. Magalie Roman Sallas
Office of the Secretary

CARLOS LEON
Chief of Police



EX PARTE OR LATE FILED

911 N. Raynor
El Paso, Texas 79903
(915) 564-7000

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

April 19, 2001

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

RE: WT Docket No. 00-32

Dear Mr. Chairman:

As Chief of the El Paso Police Department, I am writing to express my 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 broad band public safety applications.

The El Paso Police Department currently serves a population of over 500,000 residents spread over 250 square miles. Solutions such as personal and vehicular area networks can wirelessly integrate a variety of existing and future devices to provide a safer environment for our officers. These include image and video cameras and viewers, mobile data terminals and all their peripheral devices, palmtops, wireless long range headsets, microphones, earpieces, and voice recognition to allow complete hands free operation. Very large data and image files can be rapidly and wirelessly transferred within Wireless Local Area Networks (WLAN), enabling images/fingerprints of wanted or missing persons, video clips of robberies, maps and layouts to be downloaded into police vehicle mobile computers as they leave the station. This same technology will also allow wireless uploads of videos, images and reports from the police vehicle to the command center. WLAN technology will also enable command centers to employ full-motion video for remote controlled robotics in terrorist and other highly dangerous operations, and monitoring of officers or suspects in officer assistance and high-risk situations to allow on-scene decision-making and assistance based on video transmissions. This technology would allow real time transmission of video and imagery from surveillance helicopters to command centers.

DEDICATED TO SERVE

April 19, 2001

We must have dedicated spectrum and systems that assure the safety of our personnel via immediate priority access, uninterrupted transmissions, security and guaranteed coverage and reliability. The proximity of the unlicensed 5 GHz spectrum to the proposed public safety 4.9 GHz allocation would allow us to leverage commercially developed broadband technologies and yet have the dedicated, reliable, secure and enhanced featured broadband solutions that we require.

The El Paso Police Department urges 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,

A handwritten signature in black ink, appearing to read 'Carlos Leon', written over a white background.

Carlos Leon
Chief of Police

cc: Office of the Secretary
Ms. Magalie Roman Sallas
455 12th Street, SW
Washington, DC 20554

EX PARTE OR LATE FILED



16 April 2001

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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

RE: WT Docket No. 00-32

Dear Chairman:

I am taking this opportunity to bring to your attention a matter of critical importance to public safety agencies. In doing so, I draw upon twenty (20) years experience as a police chief, as well as many years as both a line officer in the volunteer fire service and a volunteer emergency medical service provider. Further, I have participated extensively in the planning, design and implementation of numerous public safety communications systems serving the residents of Rockland County, New York, a community of nearly 300,000 in the suburban New York City area. This includes both consultation and project management of wide area voice, E-911, cellular and mobile data, as well as a current project intended to service over fifty (50) agencies in a consolidated public safety system.

The safety community desperately needs to secure additional spectrum in order to insure current and future mission critical communications, including broadband. In 1996 we identified the need for 95 MHz of additional dedicated spectrum to meet our needs for the following decade. To date, the FCC has only allocated 24 MHz to public safety. Emerging technologies and applications require significantly wider bandwidths, and we are seeking the commission's consideration in allocating 50 MHz of spectrum in the 4.9 GHz band. This will help assure availability of newer broadband technology such as local area wireless networks

SOUTH NYACK
GRAND VIEW
POLICE DEPARTMENT

CHIEF

OFFICE

PHONE: 845-638-0206

TELEFAX: 845-638-0206

TELETYPE: 845-638-0206

TELEVISION: 845-638-0206

INTERNET: 845-638-0206

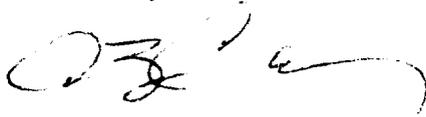
16 April 2001

Page Two

and command center wireless data, graphics and video. There is no spectrum allocated to public safety today for implementing many of these future technologies and there is demonstrated need to provide dedicated access to them.

On behalf of all public safety agencies, I seek the commission's consideration in providing vital spectrum to insure the safety of our members, and more importantly, the continued safety of the community we serve. Thank you for your attention to this matter of critical importance.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan B. Colsey", with a long horizontal flourish extending to the right.

Alan B. Colsey
Police Chief

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

ABC:gin



Las Vegas Metropolitan Police
Department
400 East Stewart Avenue
Las Vegas, Nevada 89101-2984
(702) 795-3111

April 17, 2001

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

JERRY
KELLER,
Sheriff

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

RE: WT Docket No. 00-32

Dear Mr. Chairman:

I am writing you on behalf of the Las Vegas Metropolitan Police 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.

The LVMPD currently has 1,791 commissioned officers assigned to serve and protect over 1.3 million residents and an annual tourist volume of over 35 million. As President of the Major Cities Chiefs, I have presided over quarterly round table discussions for the past three years and have listened to concerns expressed by other agencies across the nation. One reoccurring item of discussion is our collective dependence and reliance on technology as law enforcement agencies to carry out our mission, which is fundamentally the same for all agencies, "*to protect people, property, and rights in our community.*"

There are currently more than 700,000 police officers in America, and every single cop needs A clear radio channel. It is their lifeline for survival. This debate about radio spectrum must not be elevated any higher than the level of street police officer. To be blunt, sufficient and effective allocation of available radio spectrum is a public *and* officer safety issue. To take away that safety lifeline impacts every single police officer and the citizens they serve.

We must have dedicated spectrum and systems that assure the safety of our personnel via immediate priority access, uninterrupted transmissions, security and guaranteed coverage and reliability. The proximity of the unlicensed 5 GHz. spectrum to the proposed public safety 4.9 GHz allocation would allow us to leverage commercially developed broadband technologies and yet have the dedicated, reliable, secure and enhanced featured broadband solutions that we require.


JERRY KELLER, SHERIFF &
MAJOR CITIES CHIEFS, PRESIDENT

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

Partners with the Community





San Diego County Sheriff's Department

Post Office Box 429000 • San Diego, California 92142-9000



William B. Kolender, Sheriff

April 20, 2001

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

RE: WT Docket No. 00-32

Dear Chairman Powell:

I am writing you on behalf of the County of San Diego Sheriff's 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.

The Sheriff's Department serves over 800,000 people in the unincorporated area of San Diego County, as well as providing contract police services for nine municipalities. The citizens of San Diego have come to expect a high level of technical sophistication from law enforcement. Citizens expect our deputies to have immediate access to mug shots, fingerprints, and historical archives. The citizens expect us to have exacting knowledge of everything that is happening in our county, and in the region, that might have a bearing on their safety. The availability of this information to personnel in the field is reliant on wireless data technologies that demand broad bandwidths and uninterrupted signals.

Back in 1996, the public safety community identified the need for 97.5 MHz of additional spectrum to meet our communications needs over the next ten years. Of this amount, the greatest amount of spectrum will be for advanced wideband and broadband technologies. To date, the FCC has allocated only 24 MHz of narrow band spectrum to public safety users in the new 746 MHz band. There are new emerging broadband technologies, custom tailored for Public Safety, appearing on the horizon that will require significantly wider bandwidths.

Solutions such as personal and vehicular area networks can wirelessly integrate a variety of existing and future devices to provide a safer environment for our officers. These include image and video cameras and viewers, mobile data terminals and all their peripheral devices, palmtops, wireless long range headsets, microphones, earpieces and voice recognition to allow complete hands free operation. Very large

John M. Drown, Undersheriff
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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

The Honorable Michael K. Powell
Page 2
April 20, 2001

data and image files can be rapidly and wirelessly transferred within Wireless Local Area Networks (WLAN), enabling images/fingerprints of wanted or missing persons, video clips of robberies, maps and layouts to be downloaded into police vehicle mobile computers as they leave the precinct. This same technology will also allow wireless uploads of videos, images and reports from the police vehicle to the command center. WLAN technology will also enable command centers to employ full motion video for remote controlled robotics in terrorist and other highly dangerous operations, and monitoring of officers or suspects in officer assistance and high risk situations to allow on scene decision making and assistance based on video transmissions. This technology would allow real time transmission of video and imagery from surveillance helicopters to command centers.

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The San Diego County Sheriff's Department urges 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,


William B. Kolender, Sheriff

WBK/am

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



FLORENCE COUNTY
DEPARTMENT OF EMERGENCY MANAGEMENT

Post Office Box 278
6719 Friendfield Road
Effingham, South Carolina 29541

Off: (843) 665-7255 Fax: (843) 662-9939

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MAY - 3 2001

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

April 9, 2001

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

RE: WT Docket No. 00-32

Dear Mr. Chairman,

I am writing you on behalf of the Florence County Emergency Management 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.

Florence County Emergency Management handles the communications responsibilities for 9 Law Enforcement Agencies, 12 Fire Department operating 34 stations, and our county EMS / Rescue. We provide services to 134,000 citizens covering 805 square miles in Florence County, South Carolina.

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.

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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,

Thomas F. Sullivan, Assistant Director

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

PROFESSIONALLY WE SERVE; PERSONALLY WE CARE!



CITY OF PHILADELPHIA

POLICE DEPARTMENT
HEADQUARTERS, FRANKLIN SQUARE
PHILADELPHIA, PENNSYLVANIA 19106

JOHN F. TIMONEY
Commissioner

April 20, 2001

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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

RE: WT Docket No. 00-32

Dear Mr. Chairman:

This letter is written on behalf of the Philadelphia, Police Department's concern regarding the FCC's intention to auction 50 MHz of spectrum in the 4940- 4990 MHz (4.9 GHz) band, rather than allocating this spectrum for public safety applications.

The Philadelphia Police Department responds to approximately three million 9-1-1 calls annually, therefore, we must constantly rely on advanced technology and improved solutions in order to provide the highest level of service to the community.

In 1996, the need for 97.5 MHz of additional spectrum to meet our communications needs for the next ten years was identified. The greatest amount within this spectrum will be for improved wideband and broadband technology. As of this date, the FCC has allocated only 24 MHz of narrow band spectrum to public safety users in the new 746 MHz band. Newer broadband technologies, specifically geared towards public safety, are emerging and these will require much wider bandwidths.

There are solutions such a personal and vehicular area networks that can integrate many existing and future devices, which will provide a safer work environment for police officers. For example, Mobile Data Computers, video recording equipment, wireless headsets and microphones and voice recognition systems. Large data and image files can be transferred wirelessly within Wireless Local Area Networks (WLAN), allowing information such as pictures and fingerprints of wanted suspects, missing/lost persons, maps, and video taken of crimes in progress to be rapidly downloaded into police mobile computers. This technology will also permit wireless uploads of information and reports from the police on the street to a central command center.

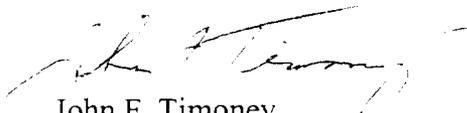
April 20, 2001
RE: WT Docket No. 00-32

WLAN technology will also enable command centers to have full motion video for remote controlled robotics to be used when handling barricaded person/hostage situations, found explosive devices and other dangerous situations. This technology can also be used to monitor officers or suspects involved in dangerous situations, allowing command personnel to make important life saving decisions based on real time video transmission. Real time video transmissions from police helicopters to command centers would also be realized as a result of this technology.

Dedicated spectrum and systems that help guarantee the safety of our police personnel thru immediate priority access, uninterrupted transmissions, security and guaranteed, reliable coverage. The proximity of the unlicensed 5GHz spectrum to that of the proposed public safety 4.9 GHz allocation allows us to be in the position to utilize commercially developed broadband technology and, in addition, have the reliable, dedicated, secure and enhanced featured broadband solutions we require.

On behalf of the Philadelphia Police Department, I strongly recommend that you and the Commission understand and recognize our broadband spectrum needs and please allocate this much- needed 4.9 GHz band to the public safety community. Acquiring this spectrum is an essential step forward for police agencies such as ours to access these new advanced broadband solutions, with the end result being increased public safety.

Sincerely,



John F. Timoney
POLICE COMMISSIONER

EX PARTE OR LATE FILED
Major County Sheriffs' Association

369 High Street, 2nd Floor — Columbus, Ohio 43215-4555
(614) 462-4211 (office) (614) 462-3739 (fax)

April 20, 2001



President

Patrick D. McGowan
Sheriff of Hennepin County
Room 6 Courthouse
350 South Fifth Street
Minneapolis, MN 55415
(612) 348-3740
(612) 348-4208 (fax)

Vice President

Kevin Bearv
Sheriff of Orange County
2400 West 33rd Street
Orlando, FL 32839
(407) 836-3700
(407) 836-3709 (fax)

Secretary

James A. Karnes
Sheriff of Franklin County
369 South High Street
2nd Floor
Columbus, OH 43215-4555
(614) 462-4211
(614) 462-3739 (fax)

Treasurer

Margo Frasier
Sheriff of Travis County
1010 Lavaca Street
Austin, TX 78767
(512) 473-9788
(512) 473-9722 (fax)

Past President

Ralph Lopez
Sheriff of Bexar County
200 North Comal Street
San Antonio, TX 78207-3505
(210) 270-6010
(210) 270-6019 (fax)

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Chairman
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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

RE: WT Docket No. 00-32)

Dear Mr. Chairman:

I am writing you on behalf of the Major County Sheriffs' Association 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.

Major County Sheriffs' Association is a professional organization comprised of elected sheriffs throughout the United States who represent populations of at least 500,000 residents.

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.

An example of an application used in law enforcement is the video linking of helicopter to ground in following a suspect. Solutions such as personal and vehicular area networks can wirelessly integrate a variety of existing and future devices to provide a safer environment for our officers. These include image and video cameras and viewers, mobile data terminals and all their peripheral devices, palmtops, and wireless long range headsets, microphones, earpieces and voice recognition to allow complete hands free operation. Very large data and image files can be rapidly and wirelessly transferred within Wireless Local Area Networks (WLAN), enabling images/fingerprints of wanted or missing persons, video clips of robberies, maps and layouts to be downloaded into police vehicle mobile computers as they leave the precinct. This same technology will also

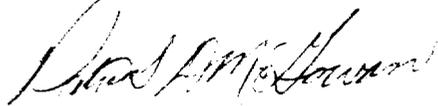
April 20, 2001
The Honorable Michael K. Powell
Page 2

allow wireless uploads of videos, images and reports from the police vehicle to the command center or precinct. WLAN technology will also enable command centers to employ full motion video for remote controlled robotics in terrorist and other highly dangerous operations, and monitoring of officers or suspects in officer assistance and high risk situations to allow on scene decision making and assistance based on video transmissions. This technology would allow real time transmission of video and imagery from surveillance helicopters to command centers.

Although unlicensed consumer oriented broadband technologies are on the horizon in the nearby 5 GHz 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 and to the proposed public safety 4.9 GHz 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 Major County Sheriffs' Association urges 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,



Sheriff Patrick D. McGowan
President
Major County Sheriffs' Association



CITY OF
FORT LAUDERDALE
FLORIDA

"The Venice of America"

JIM NAUGLE
MAYOR

100 NORTH ANDREWS AVENUE • 33301
(954) 761-5003
(954) 761-5667 FAX

April 19, 2001

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

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

RE: WT Docket No. 00-32

Dear Mr. Chairman:

This letter is being written on behalf of the citizens of the City of Fort Lauderdale, Florida 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 radio spectrum to public safety for new broadband public safety applications.

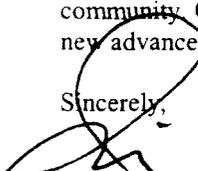
On a daily basis the Fort Lauderdale Police Department and the Fort Lauderdale Fire Rescue Department serve a resident population of more than 155,000 as well as thousands of additional commuting businesspersons and tourists. These citizens also utilize the services of many other City departments on a regular basis.

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,


Jim Naugle
Mayor

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

