

GOVERNMENT OF THE DISTRICT OF COLUMBIA
OFFICE OF THE CHIEF TECHNOLOGY OFFICER



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MAY 30 2007
FCC-MAILROOM

25 May 2007

Ms. Marlene Dortch
Secretary
Federal Communications Commission
445 12th St., SW
Washington, DC 20553

Re: Ex Parte notice of meeting with Commissioner McDowell
Ref: WT Docket No 96-86 and PS Docket 06-229

Dear Ms. Dortch:

Yesterday, on 24 May 2007, Robert LeGrande, Deputy Chief Technology Officer of the District of Columbia, hosted a live demonstration of broadband wireless capabilities of the Regional Wireless Broadband Network and presented a briefing on this network, including wireless broadband public safety initiatives currently underway in the District of Columbia and surrounding region. Discussed in this meeting were many of the issues currently being reviewed in the Commission's Further Notice of Proposed Rulemaking (FCC 07-72).

In attendance from the FCC were: Robert McDowell, Commissioner, Angela Giancarlo, legal advisor, Brigid Calamis, deputy chief of staff, and Ryan Mullady, law clerk. From OCTO were Mr. LeGrande, Joe Ross, Wireless Programs Group Director, Bill Butler from the Wireless Program, and Bryan Casey from the National Capital Region program, and support personnel.

We have attached the slides that were used for the briefing which are an accurate outline of the topics discussed.

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Butler", is written over the printed name.

Bill Butler

OCTO Wireless Programs Group / NCR-IP

1 202 478 5933 desk
1 703 629 2373 mobile

Cc: Robert LeGrande (for OCTO)
Brigid Calamis (for Commissioner McDowell's Office)



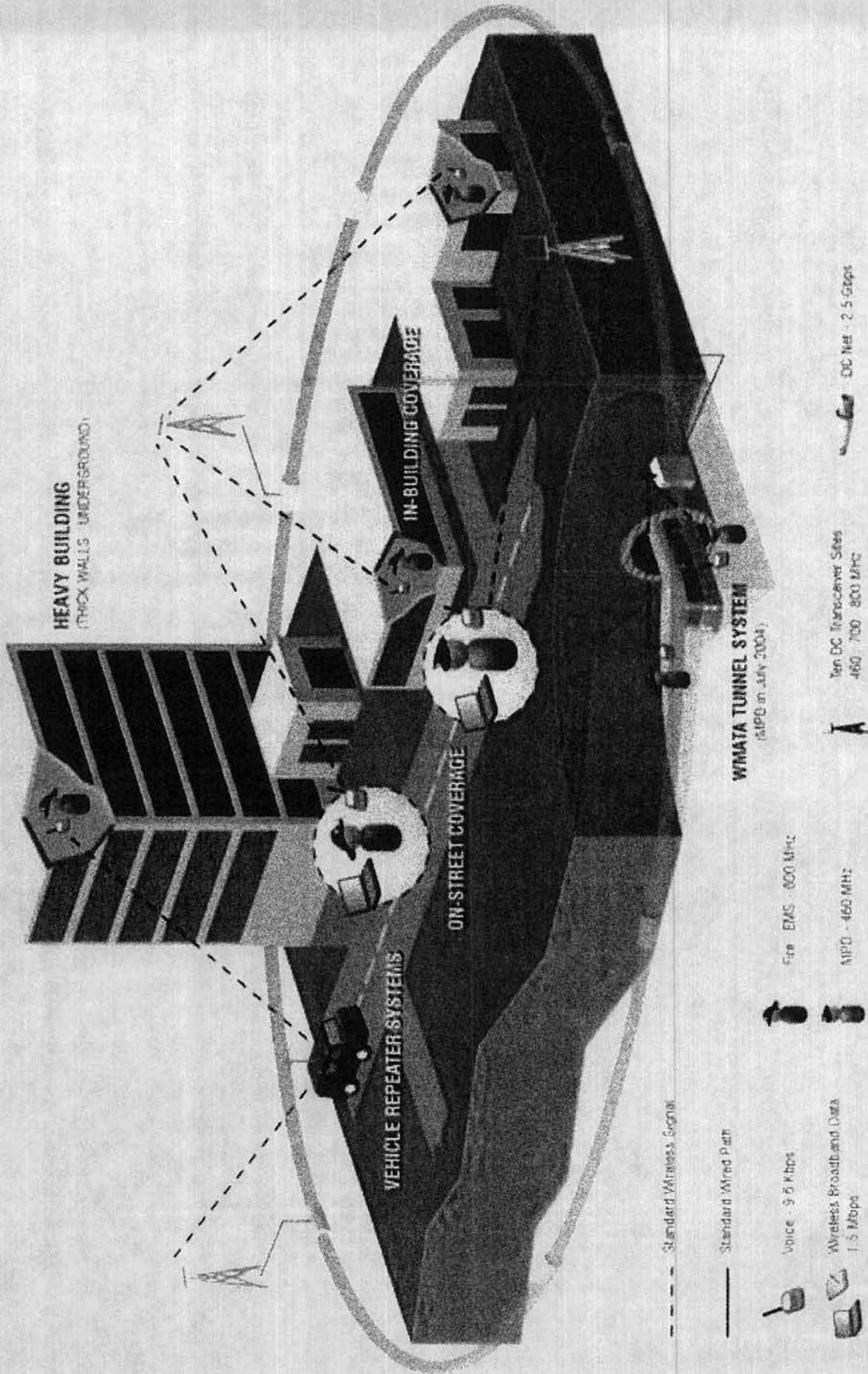
Government of the District of Columbia Office of the Chief Technology Officer



**Federal Communications Commission
May 24, 2007**



Public Safety Wireless Voice and Data Communications



What's at Risk?

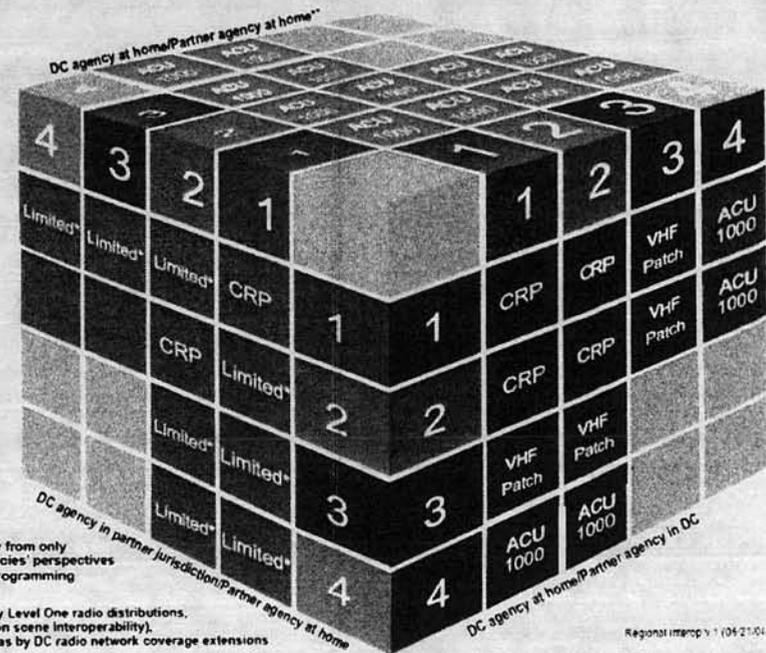


- Loss of data interoperability
- Balkanization
- Continued reliance on commercial carrier networks not designed to support emergencies
- No economic migration path for voice communications



Regional Public Safety Wireless Communications Interoperability

Group 1 (800 MHz Moto)
Metro Airport Authority Fairfax County PD Fairfax County FD Alexandria PD Alexandria FD Arlington PD Montgomery County PD Montgomery County FD DC FD
Group 2 (480 MHz Moto)
DC PD WMATA
Group 3 (Federal VHF)
ATF US Fed. Protective Svcs US Capitol Police FBI US Park Police US Secret Service US Marshals Service
Group 4 (Other)
Prince Geo. County PD Prince Geo. County FD MD State Police VA State Police



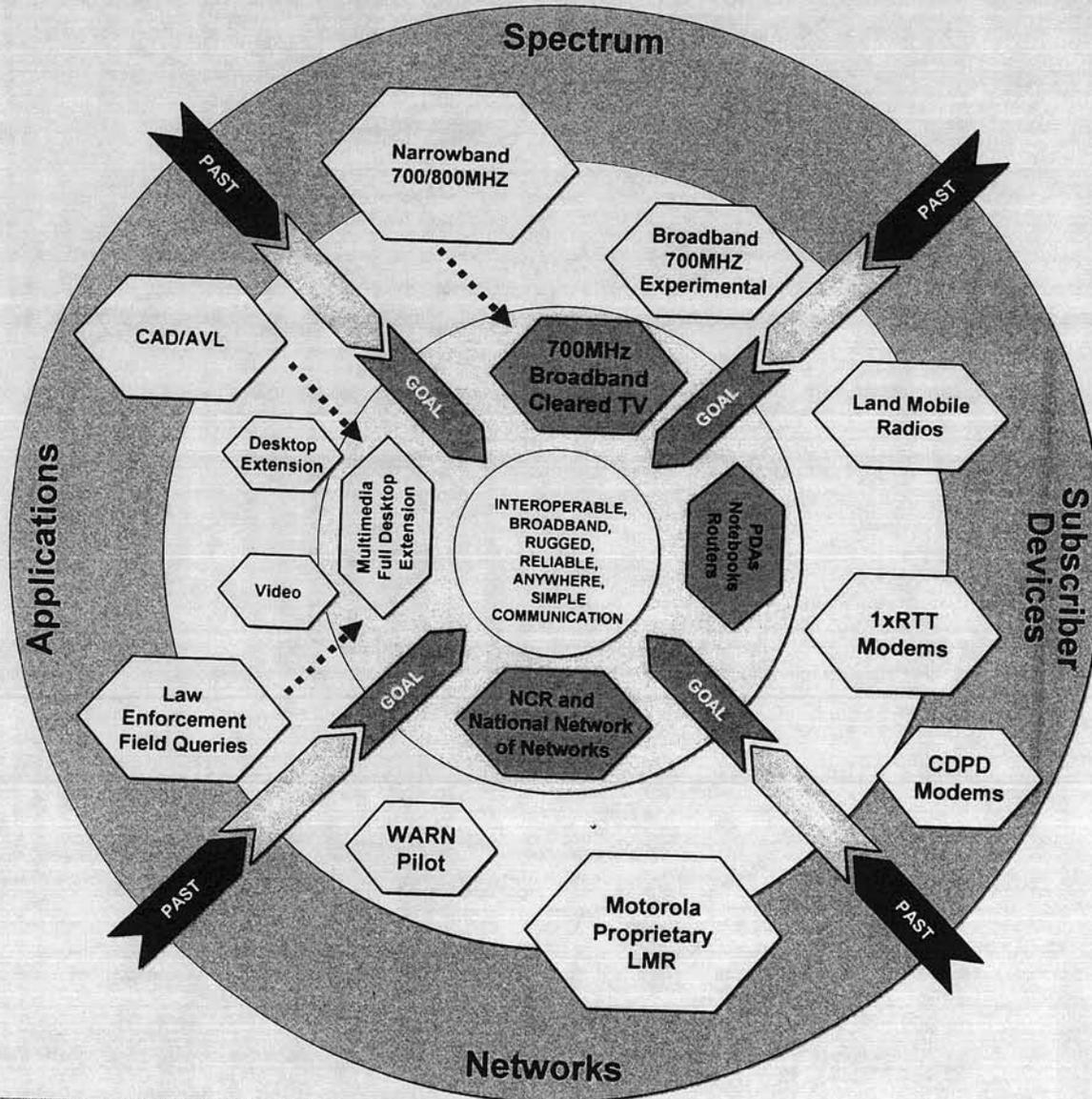
Note:
 - Provides interoperability from only the DC public safety agencies' perspectives
 - CRP - Common Radio Programming

* Interoperability provided by Level One radio distributions, mobile ACU 1000 units (for on scene interoperability), or in some geographical areas by DC radio network coverage extensions

** Some areas may have radio network coverage extensions that enable Common Radio Program Interoperability.

Regional Interop v 1 (04/21/04)

Interoperability Vision



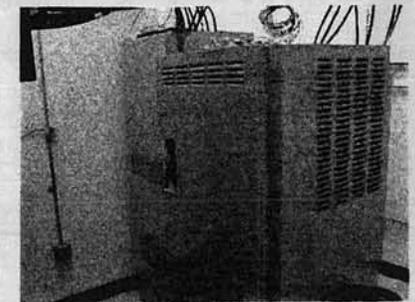
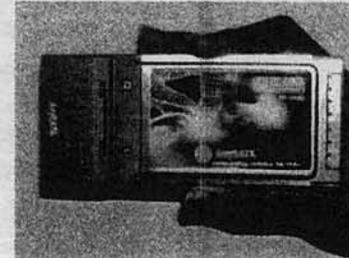
RWBN Project Overview



- **The Regional Wireless Broadband Network (RWBN) is the Nation's first operational Public Safety 700 MHz high speed wireless network.**

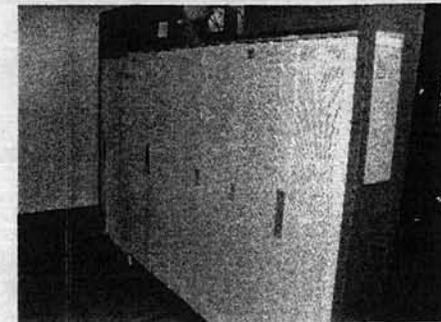
- **Benefits of Deployment:**

- Out-of-the-box interoperability
- Dedication and control
- Public safety reliability
- High bandwidth application accessibility
- More cost effective than commercial services
- Significantly lower cost to deploy than Land Mobile Radio (LMR) networks
- Migration path for voice communications



- **Other National 700 MHz Broadband Plans:**

- Silicon Valley Region
- Phoenix Region
- San Diego Region



RWBN Demonstration



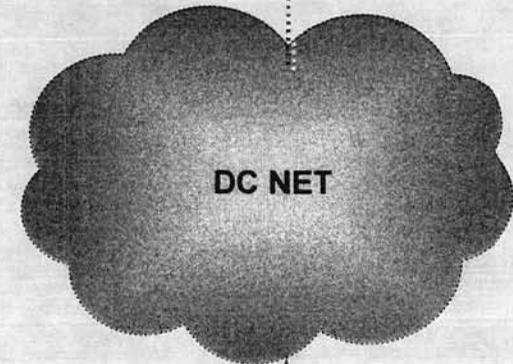
UNIFIED COMMUNICATION CENTER



EVDO Rev A
Video Call



RWBN
Radio Site 2



DC NET



Battalion Chief Buggy

EVDO Rev A
Video Call



RWBN
Radio Site 1

Spectrum Coalition FNPRM Comments



- Maintain the right for state and local governments, as mandated by Congress, to be licensed to build and operate 700 MHz broadband networks to protect the lives and property of our citizens,
- Adopt an all broadband requirement for public safety in the data spectrum with the exception of border regions where complete 1.25 MHz channels are not possible,
- Allow wideband operations in the narrowband spectrum in border regions,
- Mandate requirement of a common standards based technology for all public safety data communications,
- Realign the existing public safety spectrum, consolidating NBV and separating voice and data with a 1 MHz guard band – as long as such costs are underwritten without diluting the existing sources of funding for interoperable communications,
- Adopt those elements of the Frontline proposal that would establish a new 10 MHz “E Block” of spectrum and facilitate creation of an affordable open access commercial network in that spectrum block with priority handling and features for public safety, which is also built to the common standard, and,
- Adopt the National Planning Committee structure to manage public safety 700 MHz broadband data interoperability.

Public Safety National Broadband Network of Networks

