

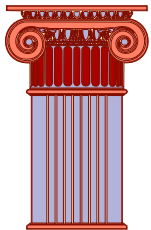
Wireless Telecommunications Bureau

Agenda Meeting
January 20, 2006

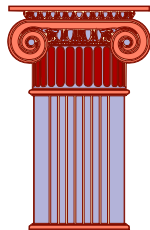
WTB's Mission

- To promote competition, efficiency, and innovation in the wireless marketplace for the benefit of consumers and the advancement of commercial, private, and public safety operations.
 - Rulemakings
 - Licensing
 - Spectrum Auctions
 - Transaction Processing
 - Industry Analysis

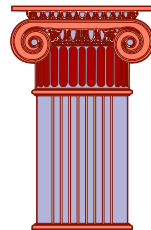
Auctions
&
Spectrum
Access



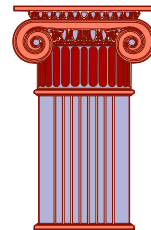
Broadband



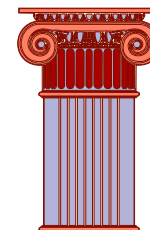
Mobility



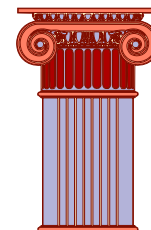
Public Safety
&
Critical
Infrastructure



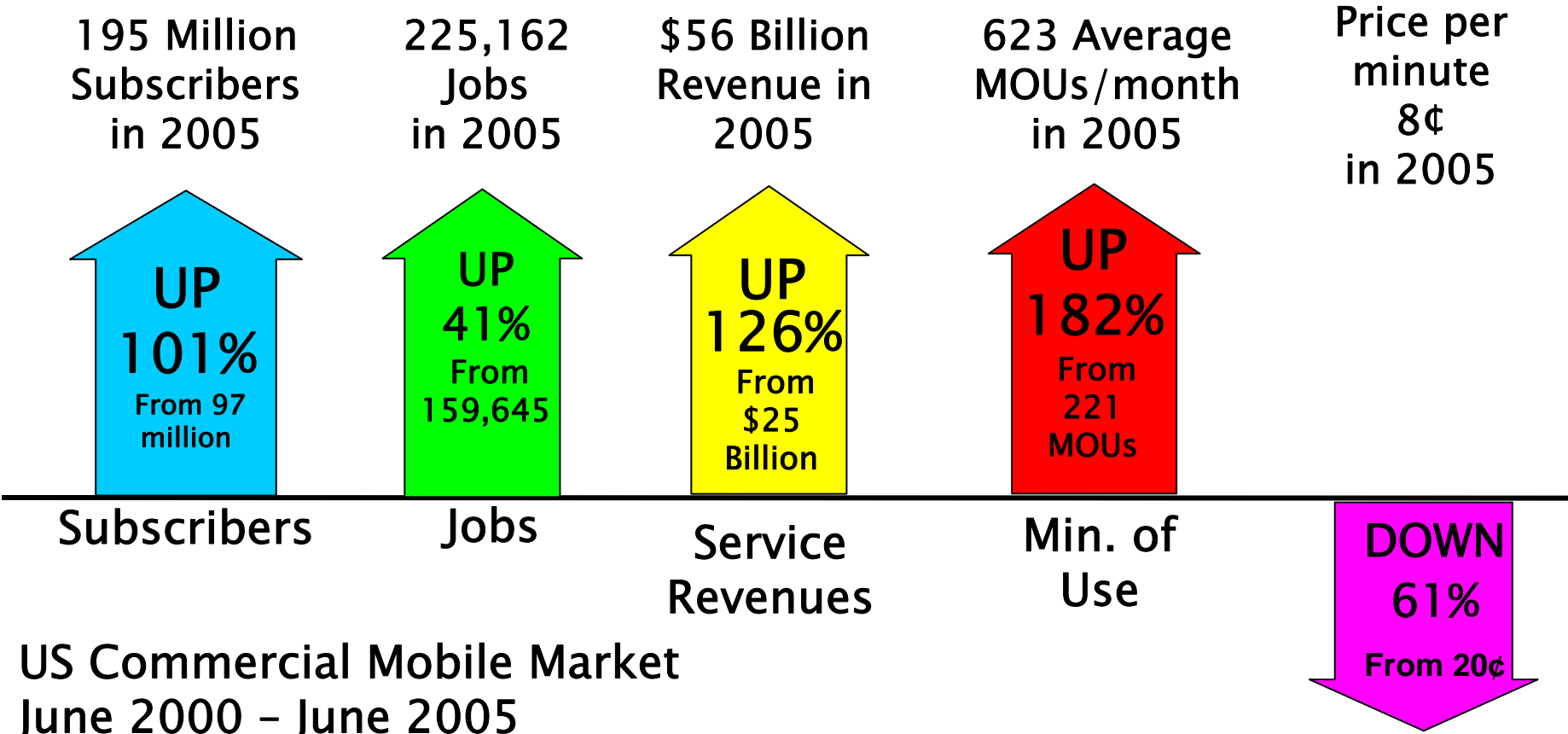
Spectrum
&
Competition
Policy



Spectrum
Management
Resources &
Technologies



Effective Wireless Policy Yields Results



**US Commercial Mobile Market
June 2000 – June 2005**

Source: CTIA, Background on CTIA's Semi-Annual Wireless Industry Survey; FCC Tenth Annual CMRS Competition Report



2005 Accomplishments: Auctions Program

Six Auctions Completed in 2005
\$2.055 Billion in Net Winning Bids
2,567 Licenses Won

- Lower 700 MHz
- Broadband PCS
- Multichannel Video Distribution and Data Service (MVDDS)
- Multiple Address Systems (MAS)
- Automated Maritime Telecommunications Systems (AMTS)
- Low Power Television (LPTV)

Since the inception of the Auctions program, bidders have won over 28,500 licenses and paid over \$14.5 billion to the General Fund of the U.S. Treasury (as of 9/30/2005).



2005 Accomplishments: Licensing

- WTB administered 3.2 million licenses
- In 2005, WTB processed 606,433 applications, including:
 - 220,550 New Licenses/Renewals/Special Temporary Authority
 - 47,437 License Modifications
 - 73,212 Transfers and Assignments
 - 265,234 Other Requests (e.g., cancellations)



2005 Accomplishments: Homeland Security

- Intelligence Reform Act Report to Congress
- 800 MHz
 - Commencement of 800 MHz Band Reconfiguration
 - 800 MHz Reconsideration Order
- 700 MHz – Public Safety Band
- E911 Phase II Deployment
- ENHANCE 911 Act Implementation

*Ensuring Reliable Communications Networks that are
Critical to Lifesaving Work*



2005 Accomplishments: Broadband

- Advanced Wireless Services (AWS)/3G
- 3650 MHz
- Air–Ground Radiotelephone Service

*Facilitating the Development of Multiple,
Competing Broadband Platforms*



2005 Accomplishments: Competition

- Merger review; case-by-case competitive analysis
 - Sprint/Nextel
 - ALLTEL/Western Wireless
- Tenth Annual CMRS Competition Report
- CMRS Roaming Obligations NPRM
- Declaratory Ruling on Tower Siting



2005 Accomplishments: Spectrum Policy

- AWS/3G Service Rules Recon Order
- Commercial Spectrum Enhancement Act (CSEA) Implementation
- Air-Ground Recon Order and R&O
- 900 MHz NPRM
- 3650 MHz Order
- Wireless Streamlining/Harmonization Order

Promoting flexible, efficient use of spectrum to provide new and better services for consumers



2005 Accomplishments: Gulf Coast Disaster Response

- Bureau issued more than 50 Special Temporary Authorizations to storm-affected entities
 - Most STAs granted in less than 4 hours
- Collected daily outage data from wireless carriers
 - Data vital to coordination of recovery efforts
- PNs granting automatic extensions of filing and compliance deadlines for storm-affected entities
- Outreach to PSAPs to assist in pre-storm planning



2005 Accomplishments: Modernization

- Enhanced ULS to implement immediate processing of qualifying secondary market transactions involving license assignments and transfers
- Incorporated BRS/EBS application processing into ULS
- Redesigned ULS application search capability to improve performance
- Introduced Integrated Spectrum Auction System (ISAS)
- Enhanced the Tower Construction Notification System (TCNS)





Preview of 2006 Policy Goals

- **Planned 2006 Auctions**
 - Air–Ground
 - AWS (1710–1755/2110–2155 MHz)
- **Public Safety/Homeland Security**
 - Phase II E911 Deployment
 - 800 MHz Rebanding
 - Consideration of Public Safety Broadband Needs
- **Additional AWS Spectrum**
 - 1915–1920/1995–2000 MHz; 2020–2025/2175–2180 MHz
 - 2155–2175 MHz
- **BRS/EBS Transition**
- **Roaming**