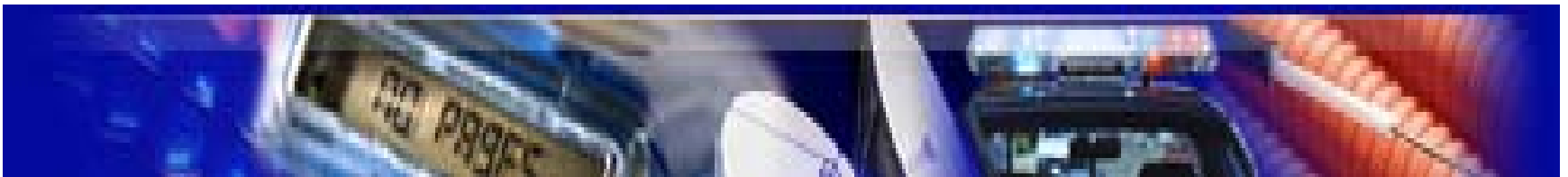


# **WIRELESS TELECOMMUNICATIONS BUREAU**

January 15, 2003

Federal Communications Commission  
Agenda Meeting



# Our Mission

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*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**





# Two Primary Locations and Broad Range of Expertise

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- **Washington, D.C. and Gettysburg, PA**

**254 + 76 = 330 WTB Staff**

- **Interdisciplinary Staff:**

**108 Attorneys**

**31 Computer Experts**

**9 Economists**

**46 Engineers**

**58 Financial and Administrative Staff**

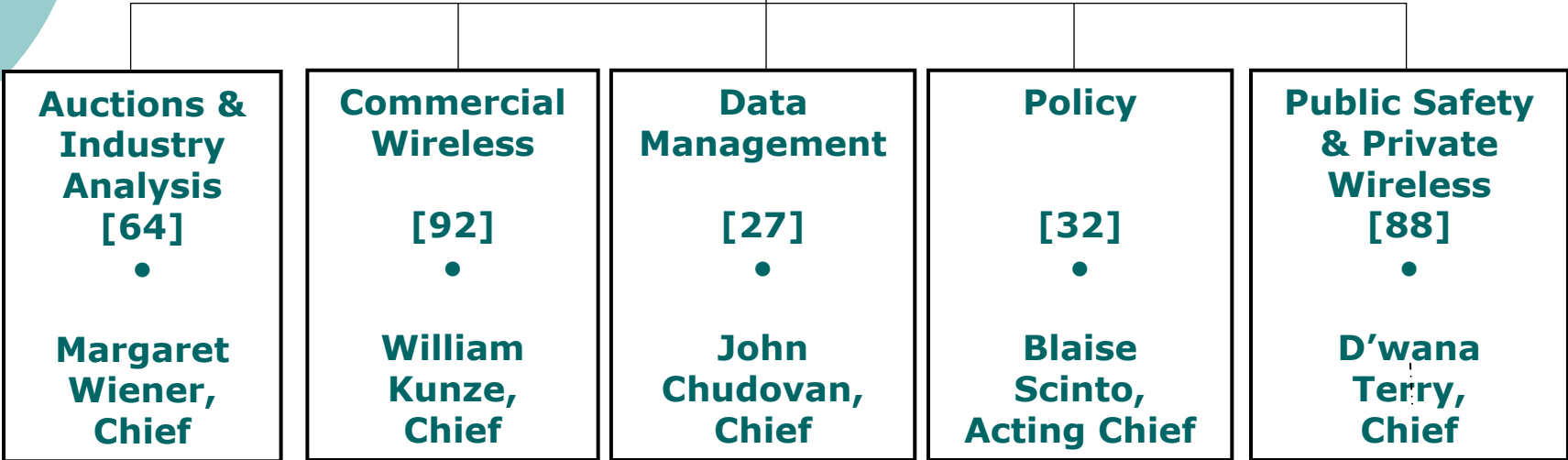
**78 Licensing and Analytical Staff**

# WTB Organization

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**OFFICE OF THE BUREAU  
CHIEF  
[16]**

**THOMAS J. SUGRUE,  
BUREAU CHIEF**



# 2002 WTB Policy Accomplishments

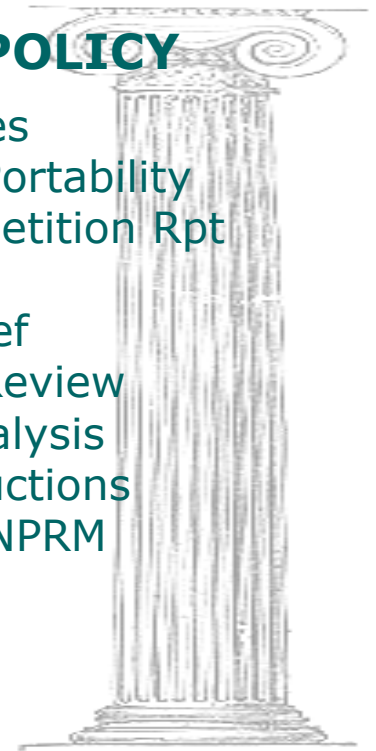
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## SPECTRUM POLICY

- 3G Service Rules
- 800 MHz/Public Safety NPRM
- Intellig Transp'n Systems
- 4.9 GHz FNPRM
- Gov't Transfer Bands R&O
- 70/80/90GHz NPRM
- MVDDS Order
- Rural NOI
- PLMRS Spectrum Audit
- MDS/ITFS Review
- Spectrum Policy Task Force

## COMPETITION POLICY

- 3G Service Rules
- Local Number Portability
- 7<sup>th</sup> CMRS Competition Rpt
- CMRS NOI
- Auction 35 Relief
- 2002 Biennial Review
- Transaction Analysis
- Completed 5 auctions
- 70/80/90 GHz NPRM
- MVDDS Order



# . . . 2002 Policy Accomplishments

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## **HOMELAND SECURITY**

- E911 Scope NPRM
- E911 Implementation
- Unintentional 911 Calls
- 4.9 GHz FNPRM
- 800 MHz/Public Safety NPRM
- 700 MHz Interoperability
- Priority Access Service

## **BROADBAND**

- 3G Service Rules
- MVDDS Rules
- MDS/ITFS Review
- 70/80/90 GHz NPRM

## **DIGITAL TELEVISION**

- Channels 52-59
- Channels 60-69
- MVDDS Order





# Promoting Public Safety: Enhanced 911

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- **Clarified respective responsibilities of wireless carriers, LECs, and PSAPs**
- **Established Phase II implementation schedules for small & mid-sized carriers**
- **Published report on unintentional wireless calls to 911**
- **Monitored Phase I and Phase II implementation progress**
- **Assisted EB in enforcement proceedings and consent decree negotiations**
- **Released the “Hatfield Report” on deployment issues**



# Recovering Valuable Resources: Spectrum Audit

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*WTB is conducting the Commission's largest-ever spectrum audit.*

- **WTB contacted licensees of 420,000 Private Land Mobile and Public Safety call signs**
- **More than 33,000 licenses have been recovered**
- **Third and final notice to be sent 1Q03**
- **Licensees that ultimately fail to respond risk losing license**



# Facilitating Industry Recovery

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- Service Continuity** → Orderly Transition in Bankruptcy
- Restore Financial Health** → Auction 35 Relief
- Prudent Restructuring** → Spectrum Cap Sunset  
Case-by-Case Analysis
- Revenue Opportunities** → Flexible Service Rules
- Regulatory Reform** → Move from “Command and Control”

# Consumer Outreach

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*Effective dissemination of information is key in a competitive marketplace.*

**WTB collaborated on many new Consumer Alerts and Fact Sheets**

- **Wireless Phone Service**
- **Unintended 911 Calls**
- **Use of TTY Devices**
- **International Surcharges**
- **E911 (coming soon)**
- **Broadband (coming soon)**



*Wireless Consumer Brochure has received as many as 60,000 hits in one month!*

# Working With Other Bureaus/Offices

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## OET

- Spectrum Allocation and Policy
- Equipment Authorization Issues

## IB

- Satellite/Terrestrial Interaction & Frequency Coordination
- WRC Preparation

## WCB

- Carrier Regulation
- Universal Service

## MB

- DTV Transition
- Auctions

## CGB

- Consumer Information and Policy
- Disability Access Issues

## EB

- Enforcement of Rules and Policies





# Serving the Public: Licensing

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WTB administers ***3.4 million licenses.***

In 2002, WTB processed ***almost 600,000 applications,*** including:

- 244,000 New Licenses/Renewals/STAs
- 187,000 License Modifications
- 52,000 Transfers and Assignments
- 98,000 Other Requests

# Working Smart: Technology Tools

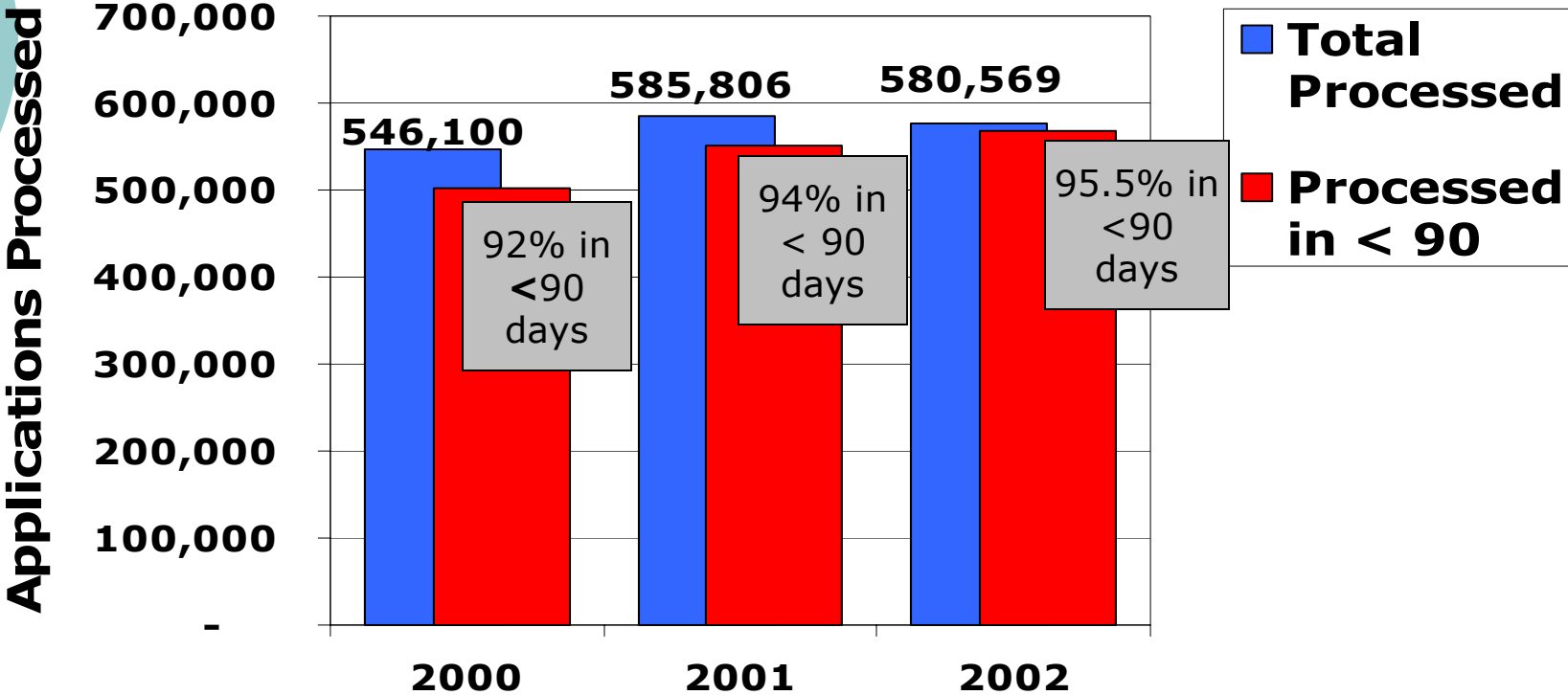
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*WTB has developed the FCC's most advanced and extensive electronic filing system.*

- **ULS Search Capabilities Upgraded**
  - More search options
  - Faster and easier search navigation
- **Electronic Filing Expanded**
  - Ownership Information submitted online
  - All Wireless Radio Services online
- **WTB Website Redesigned**
  - Highlight most requested information
  - Over 176 million hits in 2002

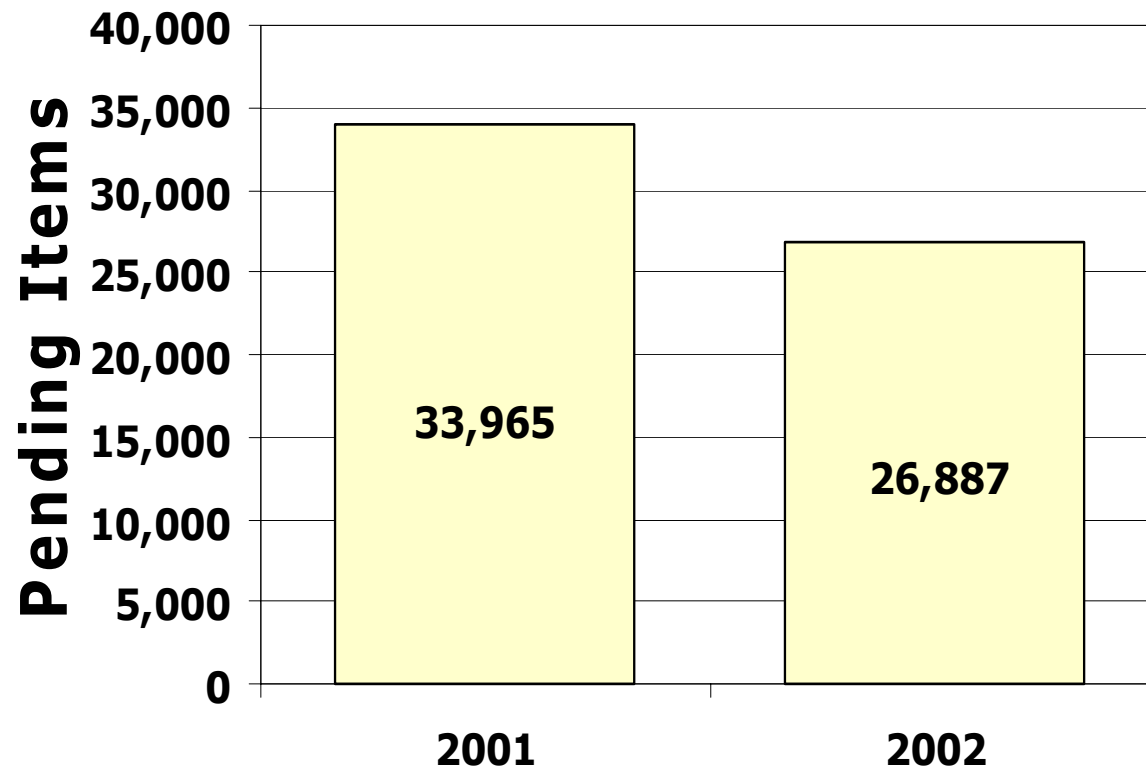


# Working Swiftly: Improved Speed of Disposal



# ... Fewer Pending Items

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# Auctions

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*WTB operates a state-of-the-art auctions program for assigning spectrum licenses.*

## **Five Auctions Completed in 2002**

- Lower 700 MHz Band
- Cellular Rural Service Areas
- Analog Television Stations
- AM Broadcast Stations
- Multi-Radio Service (220 MHz, 800 MHz, LMS)

**521 Licenses Won**

**\$112.6 Million in Net High Bids**

*Since the inception of the Auctions program, bidders have won over 22,000 licenses and paid over \$14.4 billion to the U.S. Treasury.*





# Commission Items

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- **66 Commission Items**
  - 19 percent of all Commission-level items
- **53 Circulates Adopted**
  - 18 percent of total circulates
- **13 Agenda Meeting Items**
  - 30 percent of all meeting items

# WTB Policy Goals in 2003

## **SPECTRUM POLICY**

Secondary Markets  
MSS/ATC • 3G Service Rules  
Rural Areas • ITFS Rules  
4.9 GHz • Part 22 Non-Cellular  
SPTF Report & Record  
MDS/ITFS Rules  
70/80/90 GHz  
800 MHz

## **COMPETITION POLICY**

3G Service Rules  
Local Number Portability  
Programmatic Agreement re Towers  
Cellular X Interest Rule Review  
Intercarrier Compensation  
8<sup>th</sup> CMRS Competition Report  
2002 Biennial Review  
Transaction Analysis  
USF

## **BROADBAND**

3G Service Rules  
MDS/ITFS  
MVDDS

## **HOMELAND SECURITY**

E911  
800 MHz  
4.9 GHz  
700 MHz

## **DTV**

Channels  
52-59 & 60-69

