



# International Bureau

“Global Vision  
Local Action”

2006  
Annual Report

# 2005 ACCOMPLISHMENTS

2005: A year of Global Efforts and Local Successes

- ✓ Broadband
- ✓ Competition
- ✓ Spectrum
- ✓ Media
- ✓ Homeland Security
- ✓ Modernization

# 2005 – BROADBAND

- ✓ Engage Leaders to Promote Development
- ✓ Adopt Policies to Encourage Deployment

# 2005 – BROADBAND

## *Engage Leaders*

- Global Outreach
  - European Regulator's Group (ERG)
  - World Summit on the Information Society (WSIS)
  - Global Symposium for Regulators (GSR)
  - ITU, IMO, ICAO, CITEL, OECD
  
- Broadband Education – Local and Regional
  - 2<sup>nd</sup> Annual Satellite Forum –
  - Earth Station Licensing Seminar
  - Regional Workshops and Presentations

# 2005 – BROADBAND

## *Policies to Encourage Deployment*

- Flexible Rules
  - Earth Stations on Vessels (ESV's)
  - Aeronautical Mobile Satellite Service (AMSS)
- Modernized Licensing
  - Earth Station Licensing Reform
- New Entrants
  - 5 New Authorizations for Satellite Broadband
  - 15 Orbital Relocations to address consumer needs
  - 8 Foreign Satellites authorized to provide service

# 2005 – COMPETITION

- ✓ Engage Global Leaders to Promote Competition
- ✓ Increase Consumer Choice
- ✓ Drive Down Costs and Protect Consumer Rights

# 2005 – COMPETITION

## *Promote Global Competition*

### Global Competition Advocacy

- International Visitors Program -- 600 visitors, 56 different countries
- In-Depth Training, Workshops, and Video Conferences (Egypt, East Africa, West Africa, Morocco, Algeria, Thailand, China, Japan, Colombia, Australia, Germany, Austria, Ukraine and many more)
- U.S Telecommunications Training Institute (USTTI)
- ITU, CITELECOM, IMO, etc.

### International Conferences

- European Regulator's Group (ERG)
- World Telecommunication Development Conference (WTDC)
- World Summit on the Information Society (WSIS)
- Global Symposium for Regulators (GSR)

# 2005 – COMPETITION

*Increase Consumer Choice*

*Rapid Action on Applications and Transactions*

Telecom Authorizations:

- 272 new International Section 214s
- 195 transfers of control or assignments

Satellite Authorizations:

- 233 new space and earth station authorizations
- 223 transfers of control or assignments (space and earth stations)

# 2005 – COMPETITION

*Increase Consumer Choice*

Facilitating Investment

- Section 310 Approvals
- Inmarsat & Intelsat Privatization Certifications

Monitoring Competition

- ORBIT Act Report to Congress

# 2005 – COMPETITION

## *Drive Down Cost and Protect Consumer Rights*

### Industry Analysis

- International Telecommunications Data and Trends Reports
  - Average International Call rate drops from 20¢ per minute (2003) to 14¢ (2004)
  - International Traffic increased 32% in 2004

### Policy Initiatives

- Mobile Termination Rates NOI
- Circuit Disruption NOI

# 2005 – SPECTRUM

- ✓ Advance U.S. Positions
- ✓ Promote Efficient Use
- ✓ Increase Users

# 2005 – SPECTRUM

## *Advance U.S Positions*

### *Global Leadership*

- WRC-07 Preparation
- ITU-R Study Groups and Working Groups
- Regional and Intergovernmental Groups
  - CEPT/ECC/ERO/USA
  - International Civil Aviation Organization (ICAO)
  - International Maritime Organization (IMO)
  - InterAmerican Telecommunications Council (CITEL)
- Regulator Workshops and Discussions

# 2005 – SPECTRUM

## *Promote Efficient Use*

### *More from Existing Allocations*

- Terrestrial Reuse
  - MSS ATC Recon and Licensing
- Flexible Use of Satellite Spectrum
  - AMSS and ESVs
- Inter-service Sharing
  - 3650 MHz

### *International Outreach*

- ITU-R Participation
  - Ultra-Wideband
  - Cognitive radio
  - Passive and active service sharing
  - 3G
  - Broadband over powerlines
  - Spectrum management reform

# 2005 – SPECTRUM

## *Increase Users*

- Reduced regulation
  - Elimination of Part 23
  - Space Station Application Streamlining
- Responsive Satellite Licensing
  - 1000 aircraft earth stations
  - 222 new earth stations and authorized 234 modifications to existing earth station authority
  - 11 new space stations and authorized 41 modifications to existing space authorizations
  - New or additional U.S. access for 8 foreign space stations
  - Permitted Space Station List for 2 foreign space stations

# 2005 – SPECTRUM

## *Increase Users*

- ITU Spectrum Notifications
  - 6 ITU Satellite notifications that impact terrestrial services in the 2500-2690 MHz band
  - 391 coordination agreements with 6 administrations including Brazil, Canada, Japan, Mexico, the Netherlands and Russia
  - 433 operator-to-operator agreements to ensure compliance with international regulations
  - 38 advance publications, 29 coordination requests, and 29 notifications for commercial satellites to the ITU
  - 616 responses to ITU or other Administration correspondence concerning the protection of U.S. satellites

# 2005 – MEDIA

- ✓ Maintain Global Dialog on Media Issues
- ✓ Promote Digital Transition

# 2005 – MEDIA

## Cross Border Activities with Canada and Mexico

- Promoted U.S. DTV Standard, now adopted in Mexico
- Worked to develop comprehensive Broadcast Agreements with Canada and Mexico
- Implemented existing DTV Memoranda of Understanding with Canada and Mexico
- High Level Consultative Commission

## Competition and New Technologies

- Talks with International Delegations:
  - Colombian Regulator and Ministry
  - UK Delegation
  - China's State Administration of Radio, Film and Television (SARFT)
- ITU-R Activities

# 2005 – HOMELAND SECURITY

- ✓ Promote Global and Local Dialog on Homeland Security Policies and Practices
- ✓ Ensure Emergency Preparedness and Reliability of Satellite Infrastructure

# 2005 – HOMELAND SECURITY

## *Promote Homeland Security Policies and Practices*

- European Network and Information Agency (ENISA)
- Network Reliability and Interoperability Council (NRIC).
- United Nations Committee on Peaceful Uses of Outer Space (UNCOPUOS)
- Interagency Space Debris Coordinating Committee (IADC)
- International Maritime Organization (IMO)
- ITU
  - Cybersecurity Symposium
  - Working Groups and Study Groups

# 2005 – HOMELAND SECURITY

## *Promote Homeland Security Policies and Practices*

- *Cross Border Activities – Canada (Ongoing)*
  - 700 MHz
  - SMR Coordination
- *Cross Border Activities – Mexico (Ongoing)*
  - High Level Consultative Commission
  - 700 MHz
  - SMR Coordination
  - LPTV MOU Negotiations

# 2005 – HOMELAND SECURITY

## *Satellite Reliability and Emergency Preparedness*

- Satellite Reliability
  - Global Outreach
  - Exchanges of Letters regarding end of life disposal and regulatory control of multiple jurisdictional satellites
- Hurricane Relief
  - Streamlined procedures for STAs
  - 34 Satellite STAs in support of Hurricane relief efforts

# 2005 – MODERNIZATION

- ✓ Leverage Technology to Improve Efficiency
- ✓ Reduce Backlog

# 2005 – MODERNIZATION

## *Leverage technology to improve efficiency.*

- Mandated electronic filing for all international applications
- Added a new Internet-based form to IBFS for Section 214 transfers and assignments
- Launched the Satellite Learning Center, an interactive, online classroom for K-12 students
- Implemented use of mapping software to monitor satellite communications infrastructure in the wake of Hurricanes Katrina, Rita, and Wilma

## *Backlog Reduction*

- At the end of FY 2005, the space station backlog was 66, an all-time low
- The earth station backlog reached an all-time low in October 2005

# 2006 GOALS

The International Bureau will Continue to promote the Strategic Goals of the Commission both Globally and Locally

## Broadband

- ❑ Promote technological neutrality, competition, and investment, through International policy leadership

## Competition

- ❑ Streamline reporting requirements, streamline licensing policies and procedures and encourage meaningful choice of affordable, sustainable services

## Spectrum

- ❑ Adopt flexible, efficient spectrum policies and advance U.S. spectrum goals internationally

# 2006 GOALS

## Media

- ❑ Promote the development of digital radio and television standards internationally and facilitate the rapid deployment of digital services

## Homeland Security

- ❑ Promote access to effective, reliable international satellite and terrestrial communications by public safety, health, defense, and other emergency personnel through international advocacy and cross-border negotiation

## Modernization

- ❑ Continue to strive for excellence in modernization and efficiency