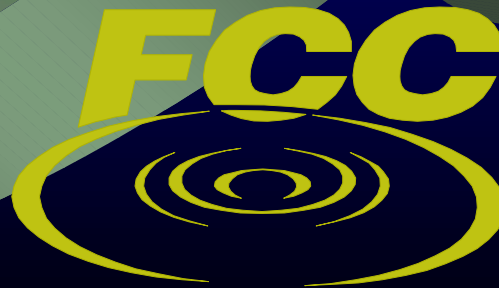


Teamwork, Technology and Transformation

Focusing on Broadband, Consumers and Homeland Security

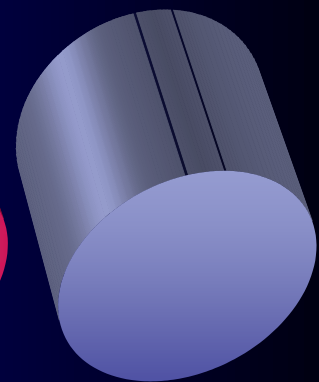
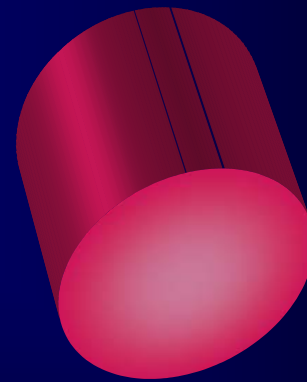
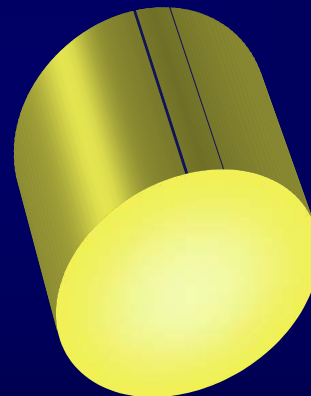
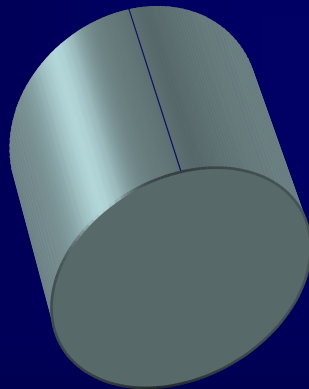
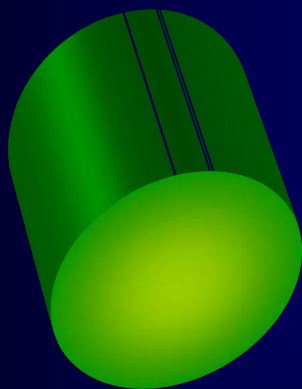
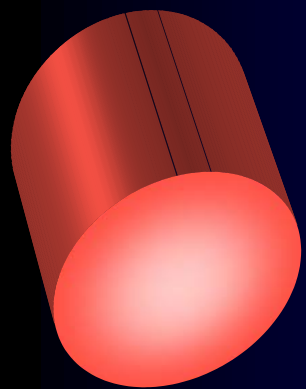
International Bureau Annual Report

January 13, 2005



Vision and Mission: Foundations for Success

To connect the globe for the good of consumers through a commitment to prompt authorizations, innovative spectrum management and responsible global leadership



Broadband

Spectrum

**Homeland
Security**

Competition

Media

Modernization

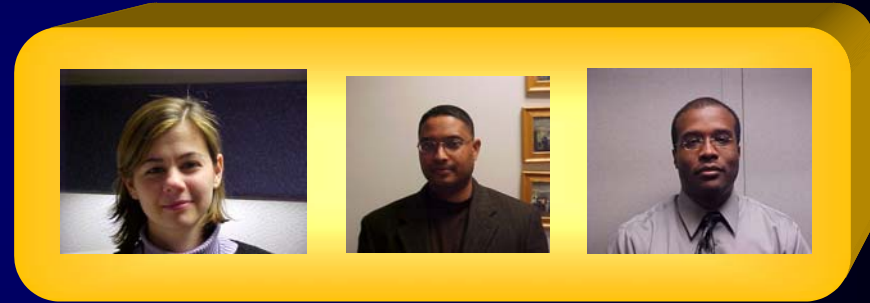
Teamwork: IB People

- Tools for Success

- Telecommuting Guidelines for Managers (Flexibility and Accountability)
- Technology where and when staff need it

- Educational Opportunities

- FCC University
- Formal Training
- Engineering Graduate Degree Program
- Brownbag Training Sessions
- Executive Roundtables
- International Speakers Series



- Leading by Example

- Worked to Expand FCC University Course Offerings
- Co-chaired FCC Information Technology Steering Committee

- Putting Forward Our “FCC Best”

- Co-Chaired Two of Three Main Committees
- IB Staff participating and leading sub-groups to benefit the FCC and the Surrounding Community.

2004 Accomplishments: Summary

Consumers



- Drive down international calling rates
- Expand service options for U.S. consumers
- Protect citizens and the services they use

Business



- Ensure a competitive environment
- Increase the number of competitors and consumer choices
- Streamline licensing processes

Technology



- Encourage efficient use of spectrum
- Promote broadband deployment
- Facilitate implementation of innovative technologies

The Globe



- Maintain FCC's Global leadership role on critical issues
- Ensure reliable service along U.S. borders

2004 Accomplishments: Broadband

Improving Access to Broadband Services Where and How Consumers Need Them

- **Efficient Spectrum Assignment**
 - New U.S. Satellite Broadband Licensees in the Ka and Ku bands.
 - Continued Implementation of Satellite Licensing Reform
 - New satellite providers approved. 4 New Providers Added to the Permitted List, 1 additional foreign system authorized access to the U.S. market
 - DBS auction yielding new digital DBS entrant
- **Policies To Facilitate Broadband Services At Sea**
 - Earth Stations on Vessels (R&O, December 2004)
- **Global Broadband Outreach**
 - ITU
 - ITU Meeting on Global Standards for UWB (June 2004).
 - WTSA (October 2004)
 - Ongoing Study Group and Working Party Participation
 - Regional Outreach
- **Broadband Education And Oversight**
 - 1st Annual Rural Satellite Forum (January 2004)
 - Global broadband policy analysis and deployment review.

2004 Accomplishments: Competition

Lower Costs

- **Enforcement of International Settlements Policy (ISP)**
 - Mexico Accounting Rate Waiver Petitions
 - Restoration of U.S. carrier circuits and an elimination of to anti-competitive behavior on Philippine Routes
- **Review and Reform of Existing Policies and Rules**
 - ISP Reform Report & Order (March 2004)
 - Part 43 International Reporting Reform NPRM (April 2004)
- **Consumer Outreach on International Calling Rates**

More Choice

- **Prompt Licensing**
 - Satellite Space Station
 - Satellite Earth Station
 - International Section 214
 - Further Implementation of Satellite Licensing Reform
 - International Telecommunications E-Filing NPRM (June 2004)
 - MyIBFS E-filing Launch (October 2004)
- **Increased MVPD Competition: Direct Broadcast Satellite**
 - Prompt Licensing
 - U.S. Canadian Negotiations
 - Initial DBS Orbital Spacing Review
- **Orbit Act Compliance Review**

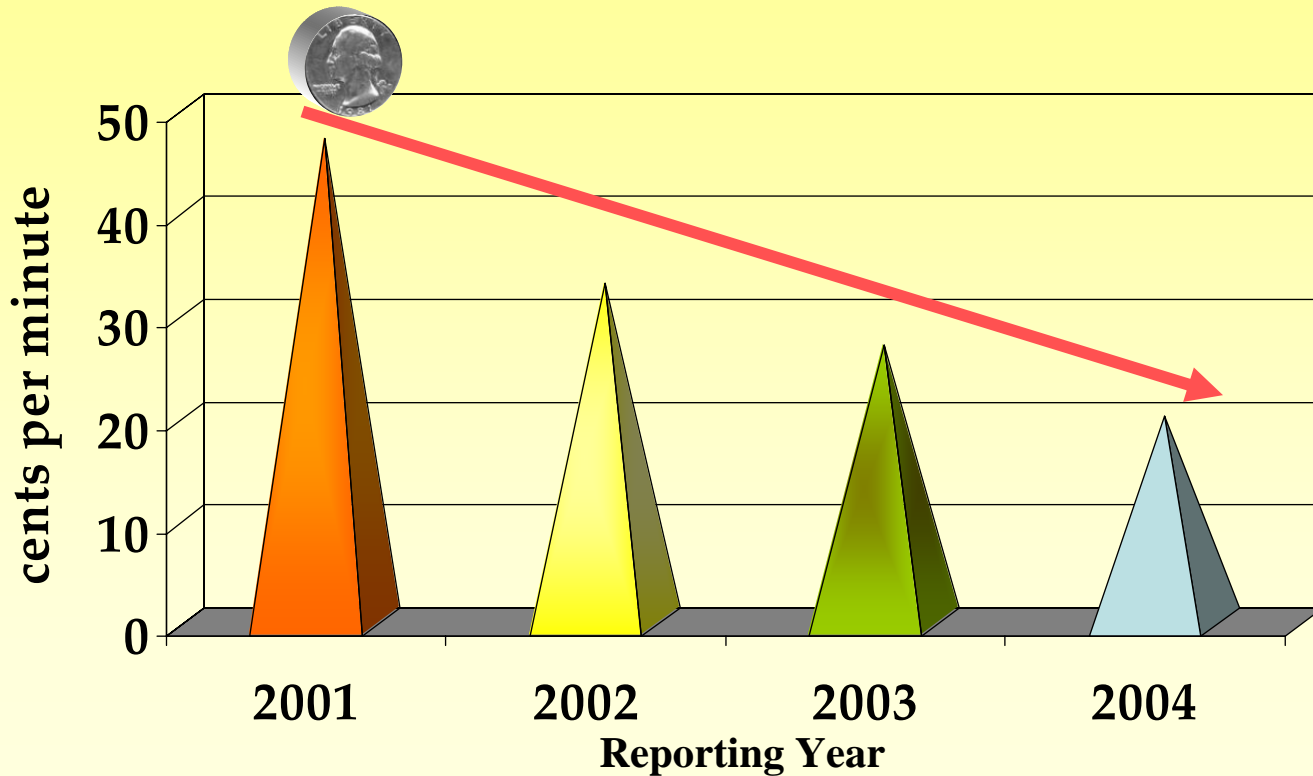
Reliable Service

- **Satellite Systems Coordination**
- **Merger and Acquisition Review**
- **Major Transactions**
 - Newscorp Transfer (January 2004)
 - Intelsat/Loral (February 2004)
 - AT&T Latin America Corp (DIP)/LATAM- (February) 2004
 - Allegiance/XO, Cable and Wireless (DIP) (March 2004)
 - Thermo Capital and Globalstar (March 2004)
 - Carlyle Group/PanAmSat (August 2004)
 - Cingular/AT&T (October 2004)
- **Over 400 other transactions**
- **Agency-wide foreign ownership review**
- **Circuit Status Report**

Driving Down the Cost of Connecting



Average Price of an International Call



2004 Accomplishments: Competition

Advancing the Global Dialogue on Competition

- **Bilateral Meetings and Conferences**
 - Davos (January 2004)
 - APEC Tel (March 2004)
 - CITELE
 - Regulator Workshops (March 2004)
 - Jamaica Internet Forum II (May 2004)
- **ITU**
- **International Visitors Program**
 - Over 300 visitors from 71 different countries
- **Industry Analysis and Research**
- **On-site Regulator Training**
 - Morocco (May 2004)
 - Jamaica (July 2004)
 - Brazil (July 2004)
 - Africa (August 2004)
 - CAFTA (August 2004)
- **USTTI Courses**

2004 Accomplishments: Media

- **Around the Globe**

- Outreach on media regulation, ownership, and competition, DTV, and other media-related topics
- Participation in ITU activities

- **Along U.S. Borders**

- Continued work to facilitate the DTV transition so that broadcasters can maximize facilities along the border
- Commenced negotiations with Mexico to create a new MOU to permit more opportunities for LPTV in border area
- Held ongoing discussions with Mexico and Canada to permit U.S. digital In Band On Channel (IBOC) audio systems to become operational for AM and FM stations in the border area
- Minimized interference to U.S. stations along the border
 - Mexico
 - Canada
- Treaty Enforcement
- Ongoing Negotiations

2004 Accomplishments: Homeland Security

- **Ensuring A Secure and Reliable Infrastructure**
 - Orbital Debris Report & Order (June 2004)
 - Licensing of commercial providers of satellite services to U.S. Military
 - Rapid review and authorization of service for first responders and emergency personnel
 - Emergency Preparedness Activities
 - Protecting Public Safety Services Along the Border
 - DOD study group
- **Providing Technical Expertise to Other Federal Agencies**
- **Leading the International Community on Communications Network Reliability and Security Issues**
 - CITEL PCC III
 - ITU Study Group 17
 - NRIC
 - MSRC

2004 Accomplishments: Spectrum

- **Fostering New and Innovative Spectrum Use**
 - Enhanced Mobile Satellite Systems with Ancillary Terrestrial Component
 - Broadband Services via Earth Stations on Vessels
 - Regulatory Framework for Satellite Services in the V-Band
- **Assigning Spectrum Efficiently**
 - 2000 new or modified earth stations approved
 - 62 new or modified space stations approved
 - 37 satellite system coordination agreements with 16 administrations
 - Milestone Enforcement
- **Maximizing Cross-Border Spectrum Usage**
 - Digital TV Transition
 - Public Safety Services
- **Steering the Global Debate**
 - ITU
 - WRC-07 prep
 - Improving Global Use of Spectrum

2004 Accomplishments : Modernization & Improved Performance

ITU-Related Activities

- Telecommunications (ITU-T)
- Spectrum (ITU-R)
- Development (ITU-D)

- Nearly 40% of all outreach activities are ITU-related
- IB staff represent the FCC on 51 ITU Study Groups, Task Groups and Working Parties
 - 76% of these activities are WRC-related
- IB staff hold 43 leadership positions on ITU groups

2004 Accomplishments : Modernization & Improved Performance

- Swift Licensing
- Reduced Backlogs of Older Filings
- Increased Electronic Filing

Average Processing Time

- Space Station
 - GSO 103 days
 - NGSO 125 days
- Earth Stations
 - New Licenses 37 days
- International Section 214
 - Streamlined 25 days

2004 Accomplishments : Modernization & Improved Performance

- Swift Licensing
 - Reduced Backlogs of Older Filings
 - Increased Electronic Filing
- Space Station Filings
 - 36% Reduction
 - Proceedings Pending More Than One Year
 - No Backlog
 - Petitions for Reconsideration and Applications for Review Pending More Than One Year
 - Two remaining proceedings to be completed 1Q 2005

2004 Accomplishments : Modernization & Improved Performance

- Swift Licensing
- Reduced Backlogs of Older Filings
- Increased Electronic Filing

Voluntary IBFS Filings in 2004

- Accounting Rate Changes 100%
- Space Station 98%
- Earth Station 94%
- International Section 214 93%

Mandatory E-Filing

- Space Station (October 2004)
- Earth Station (October 2004)
- International Telecom (NPRM 2004)

2004 Accomplishments: Modernization

New MyIBFS Filing Environment Designed through Collaboration and Partnership with Filers

- **Phase 1 – Completed October 2004**
 - MyIBFS Workspace
 - Interactive EZ filing process
- **Phase 2 - Beginning 2005**
 - Further implementation of Satellite Licensing Reform
 - Schedule S Technical Form

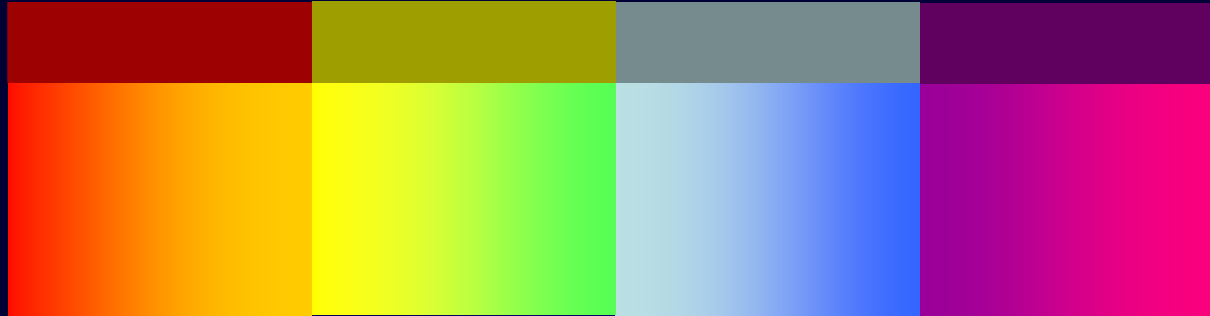
The screenshot displays the MyIBFS web application interface. At the top, it says 'Welcome Mary Solomon | Workspace | Outbox | Help | Logout'. The main area is titled 'Start New Application' and shows a dropdown menu for 'Streamlined Authorization (Form 312 EZ)'. Below this is the 'MyIBFS Workspace' section with a 'Show Me: ALL' dropdown and 'For the Last 14 Days' filter. There is also an 'Application Tools' dropdown set to 'Please select an Action'. A table titled 'My Filings' is visible, with columns for 'Select', 'Applicant Name', 'Filing Id (Filing Type)', 'Date Created', 'Next Step', 'Routed To/From', 'Route Dating', 'Routing Comments', and 'Application Description'. The table contains five rows of application data.

Select	Applicant Name	Filing Id (Filing Type)	Date Created	Next Step	Routed To/From	Route Dating	Routing Comments	Application Description
<input type="checkbox"/>	Mary Solomon	IB2004003280 (SES LIC)	12/07/2004	Finalize				Application to finalize
<input type="checkbox"/>	Mary Solomon	IB2004003286 (SES LIC)	12/07/2004	Finalize				<Initial Entry>
<input type="checkbox"/>	Mary Solomon	IB2004003290 (SES LIC)	12/08/2004	Quality				
<input type="checkbox"/>	Mary Solomon	IB2004003291 (SES LIC)	12/08/2004	Quality				This is an application
<input type="checkbox"/>	Mary Solomon	IB2004003311 (SES LIC)	12/09/2004	Quality				test

Technology: A Transformative Force



Transformation: Spectrum Approaches



**1994
(Then)**

**Service Specific
allocations and
assignments**

2001

**Satellite/
Terrestrial
sharing
arrangements**

**2004
(Now)**

**Flexible, creative,
spectrum policy
approaches to
encourage new
technologies**

**First MSS/ATC
License Issued
November 2004**

2005

**Explore Innovative
Spectrum Approaches**

Prepare for WRC 07

**Work on Global
Spectrum Approaches
Within the ITU**

Transformation: Satellite Services



1994
(Then)

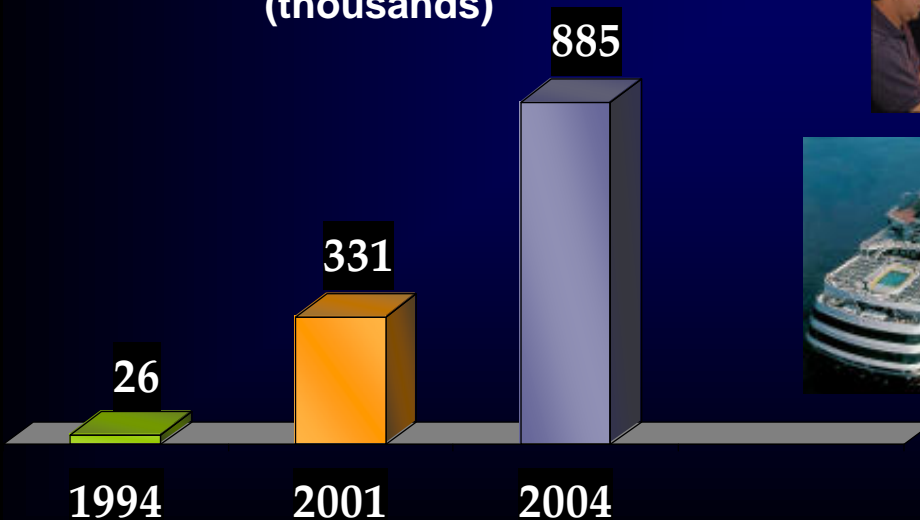
2001

2004
(Now)

2005

Mobile Services Subscribers

(thousands)



Expand Consumer Choice

Increase Access to Broadband by Satellite

Improve Speed of Disposal

Transformation: Satellite Services



1994
(Then)

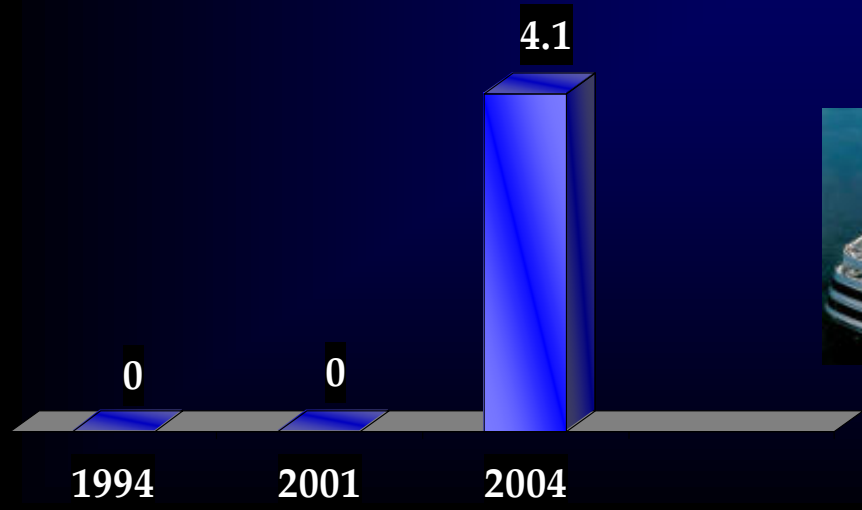
2001

2004
(Now)

2005

Satellite Radio Subscribers

(millions)



Expand Consumer Choice

Increase Access to Broadband by Satellite

Improve Speed of Disposal

Transformation: Satellite Services



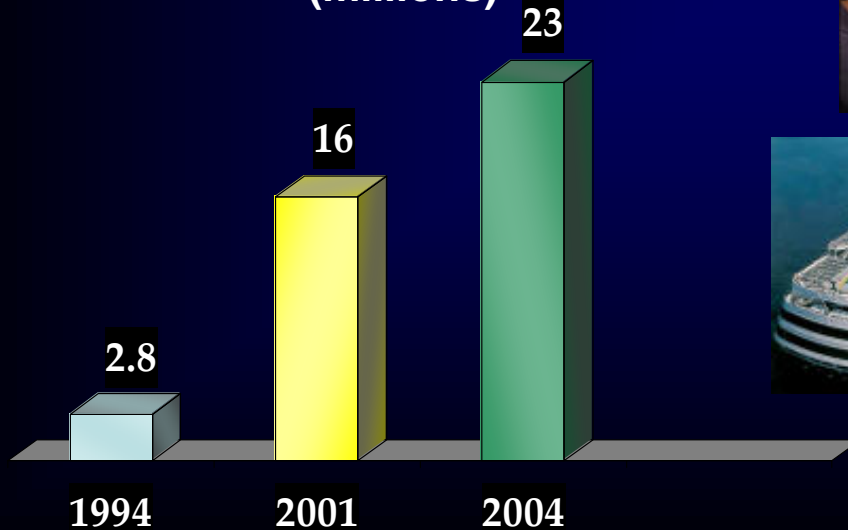
1994
(Then)

2001

2004
(Now)

2005

Satellite TV Subscribers
(millions)



Expand Consumer Choice

Increase Access to Broadband by Satellite

Improve Speed of Disposal

FCC Satellite Forum 2005: Satellite Services on the Move

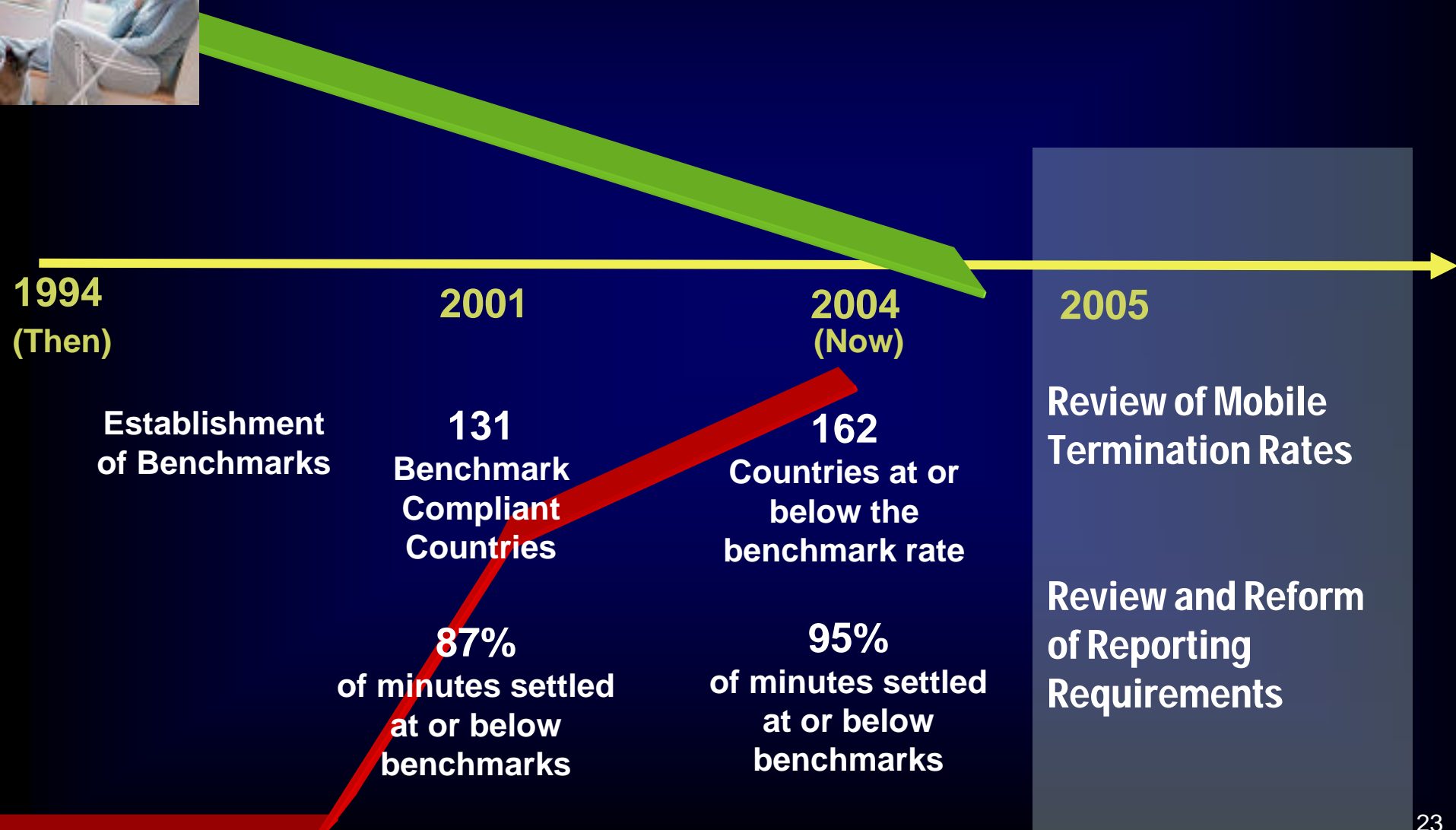
Showcasing satellite trends and development for U.S. consumers and businesses.



March 2005

Federal Communications Commission

Transformation: International Calling Rates for U.S. Consumers



Transformation: Homeland Security & Cross-Border Activities



**1994
(Then)**

Coordination with Canada and Mexico related to radio broadcast services

2001

Executive Branch Coordination Agreements on Mergers/ Acquisitions

E-911

**2004
(Now)**

- DTV Transition
- Public Safety Spectrum
- Interference Mitigation
- Extensive coordination with Executive Branch on transactions that raise security issues

2005

Continued Negotiations with Canada and Mexico on:

- Public Safety Spectrum
- 800 MHz
- DTV Transition
- LPTV

NRIC/MSRC activities

Orbital Debris Rules

Executive Branch Coordination on Mergers

Transformation: Global Leadership

14

Independent
Regulators

132

Independent
Regulators

1994
(Then)

2001

2004
(Now)

2005

Policy Makers
Driving Market
Change

New Technology
Driving Market
Change

Managing the Transformative Effects of Technology on a Global Scale

International Bureau's Unique Role

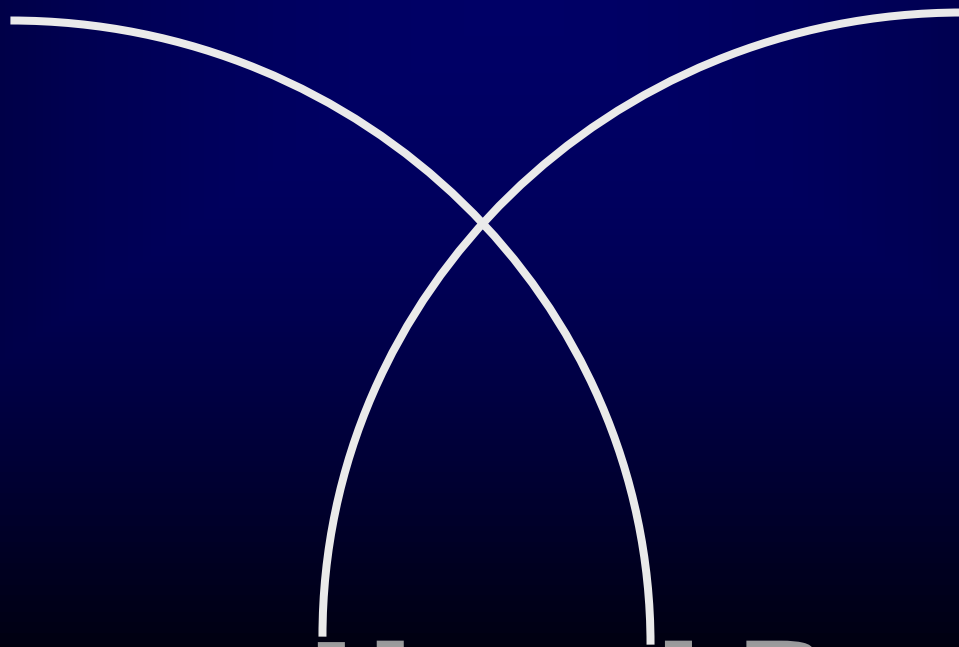
- Sharing the FCC experience with managing the disruptive impact of innovative technology
- Framing global issues
- Providing guidance and assistance to other countries

ITU

- World Summit on the Information Society (WSIS)
- WRC-07
- Development of standards for next generation systems (NGN)
- Enhance global network security standards

Regional Outreach and Coordination





International Bureau