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# The Federal Communications Commission: Current Structure and its Role in the Changing Telecommunications Landscape

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# The Federal Communications Commission: Current Structure and its Role in the Changing Telecommunications Landscape

#### Summary

The Federal Communications Commission (FCC) is an independent Federal agency directly responsible to Congress. It was established by the Communications Act of 1934 (1934 Act) and is charged with regulating interstate and international communications by radio, television, wire, satellite, and cable. The mission of the FCC is to ensure that the American people have available — at reasonable cost and without discrimination — rapid, efficient, nation- and world-wide communication services; whether by radio, television, wire, satellite, or cable.

The FCC is funded through the Science, State, Justice, Commerce (House) and Commerce, Justice, Science (Senate) appropriations process as a single line item. H.R. 2862 was signed by President Bush on November 22, 2005 (P.L. 109-108). It includes \$289,771,000 for the salaries and expenses of the FCC. Of the amounts provided, \$288,771,000 is to be derived from offsetting fee collections, resulting in a net direct appropriation of \$1,000,000.

Although the FCC has restructured over the past few years to better reflect the industry, it is still required to adhere to the statutory requirements of its governing legislation, the Communications Act of 1934. The 1934 Act requires the FCC to regulate the various industry sectors differently. Some policymakers have been critical of the FCC and the manner in which it regulates various sectors of the telecommunications industry — telephone, cable television, radio and television broadcasting, and some aspects of the Internet. These policymakers, including some in Congress, have long called for varying degrees and types of reform to the FCC. Most proposals fall into two categories: (1) procedural changes made within the FCC or through Congressional action that would affect the agency's operations or (2) substantive policy changes requiring Congressional action that would affect how the agency regulates different services and industry sectors.

One bill has been introduced in the 109<sup>th</sup> Congress that would directly affect the structure of the FCC. H.R. 2982, the FCC Reorganization Act, was introduced by Representative Albert Wynn to require the FCC to reorganize its bureaus to better carry out its regulatory functions. The bill was referred to the Committee on Energey & Commerce on June 17, 2005, and the Subcommittee on Telecommunications and the Internet on July 1, 2005.

This report will be updated as needed.

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# The Federal Communications Commission: Current Structure and its Role in the Changing Telecommunications Landscape

# Background

The Federal Communications Commission (FCC) is an independent Federal agency directly responsible to Congress. It was established by the Communications Act of 1934 (1934 Act or "Communications Act)<sup>1</sup> and is charged with regulating interstate and international communications by radio, television, wire, satellite, and cable.<sup>2</sup> The mission of the FCC is to ensure that the American people have available, "without discrimination on the basis of race, color, religion, national origin, or sex, a rapid, efficient, Nationwide, and worldwide wire and radio communication service with adequate facilities at reasonable charges."<sup>3</sup>

The 1934 Act is divided into titles and sections that describe various powers and concerns of the Commission:<sup>4</sup>

• Title I — FCC administration and powers. The 1934 Act originally called for a commission consisting of seven members, but that number was reduced to five in 1983. Commissioners are appointed

<sup>&</sup>lt;sup>1</sup> The Communications Act of 1934, 47 U.S.C. §151 et seq., has been amended numerous times, most significantly in recent years by the Telecommunications Act of 1996, PL 104-104, 110 Stat. 56 (1996). References in this report are to the 1934 Act, as amended, unless indicated. A compendium of communications-related laws is available from the House Committee on Energy and Commerce at [http://energycommerce.house.gov/108/pubs/108-D.pdf]. It includes selected Acts within the jurisdiction of the Committee, including the Communications Act of 1934, Telecommunications Act of 1996, Communications Satellite Act of 1962, National Telecommunications and Information Administration Organizations Act, Telephone Disclosure and Dispute Resolution Act, Communications statutes and selected provisions from the United States Code. The compendium was last amended on December 31, 2002.

<sup>&</sup>lt;sup>2</sup> See About the FCC, available online at [http://www.fcc.gov/aboutus.html].

<sup>&</sup>lt;sup>3</sup> 47 U.S.C. §151.

<sup>&</sup>lt;sup>4</sup> When Congress established the FCC in 1934, it merged responsibilities previously assigned to the Federal Radio Commission, the Interstate Commerce Commission, and the Postmaster General into a single agency, divided into three bureaus, Broadcast, Telegraph, and Telephone. See Analysis of the Federal Communications Commission, Fritz Messere, available online at [http://www.oswego.edu/~messere/FCC1.html] and the Museum of Broadcast Communications Archive at [http://www.museum.tv/archives/etv/F/htmlF/ federalcommu/federalcommu.htm] for additional information on the history of the FCC.

by the President and approved by the Senate to serve five-year terms; the President designates one member to serve as chairman. No more than three commissioners may come from the political party of the President. Title I empowers the Commission to create divisions or bureaus responsible for specific work assigned and to structure itself as it chooses.

- Title II Common carrier regulation, primarily telephone regulation, including circuit-switched telephone services offered by cable companies. Common carriers are communication companies that provide facilities for transmission but do not originate messages, such as telephone and microwave providers. The 1934 Act limits FCC regulation to interstate and international common carriers, although a joint federal-state board coordinates regulation between the FCC and state regulatory commissions.
- Title III Broadcast station requirements. Much existing broadcast regulation was established prior to 1934 by the Federal Radio Commission and most provisions of the Radio Act of 1927 were subsumed into Title III of the 1934 Act. Sections 303-307 define many of the powers given to the FCC with respect to broadcasting; other sections define limitations placed upon it. For example, section 326 of Title III prevents the FCC from exercising censorship over broadcast stations. Also, parts of the U.S. code are linked to the Communications Act. For example, 18 U.S.C. 464 makes obscene or indecent language over a broadcast station illegal.
- Title IV Procedural and administrative provisions, such as hearings, joint boards, judicial review of the FCC's orders, petitions, and inquiries.
- Title V Penal provisions and forfeitures, such as violations of rules and regulations.
- Title VI—Cable communications, such as the use of cable channels and cable ownership restrictions, franchising, and video programming services provided by telephone companies.
- Title VII Miscellaneous provisions and powers, such as war powers of the President, closed captioning of public service announcements, and telecommunications development fund.

## **FCC Structure**

The FCC is directed by five Commissioners appointed by the President and confirmed by the Senate for five-year terms (except when filling an unexpired term). The President designates one of the Commissioners to serve as Chairperson. Only three Commissioners may be members of the same political party. None of them can have a financial interest in any Commission-related business. The current Commissioners are Kevin Martin (Chairman, term expires July 2006); Jonathan Adelstein (term expires November 2009); Michael Copps (term expires December 2010); Deborah Taylor Tate (term expires January 2011); and Robert McDowell (term expires June 2001).<sup>5</sup>

The day-to-day functions of the FCC are carried out by six bureaus and 10 offices. The current structure of the FCC was established in 2002 as part of the agency's effort to better reflect the industries it regulates. The bureaus process applications for licenses and other filings, analyze complaints, conduct investigations, develop and implement regulatory programs, and participate in hearings, among other things. The offices provide support services. Bureaus and offices often collaborate when addressing FCC issues.<sup>6</sup> The Bureaus hold the following responsibilities:

- Wireline Competition Bureau Administers the FCC's policies concerning common carriers the companies that provide long distance and local service to consumers and businesses. These companies provide services such as voice, data, and other telecommunication transmission services.
- Enforcement Bureau Enforces FCC rules, orders, and authorizations.
- Wireless Telecommunications Bureau Handles all FCC domestic wireless telecommunications programs and policies.<sup>7</sup> Wireless communications services include cellular, paging, personal communications services, public safety, and other commercial and private radio services. This bureau also is responsible for implementing the competitive bidding authority for spectrum auctions.
- Media Bureau Develops, recommends, and administers the policy and licensing programs relating to electronic media, including cable television, broadcast television and radio in the United States and its territories.
- Consumer & Governmental Affairs Bureau Addresses all types of consumer-related matters from answering questions and responding to consumer complaints to distributing consumer education materials.

<sup>&</sup>lt;sup>5</sup> Additional information about the Commissioners can be found online at [http://www.fcc.gov/commissioners/].

<sup>&</sup>lt;sup>6</sup> FCC Fact Sheet, available online at [http://www.fcc.gov/cgb/consumerfacts /aboutfcc.html].

<sup>&</sup>lt;sup>7</sup> Except those involving satellite communications broadcasting, including licensing, enforcement, and regulatory functions. These functions are handled by the International Bureau.

• International Bureau — Administers the FCC's international telecommunications policies and obligations.

The only FCC office that conducts regulatory proceedings is the Office of Engineering and Technology, which advises the FCC on engineering matters. However, the Office of Administrative Law Judges also conducts hearings and issues initial decisions. Other offices are the Office of Communication Business Opportunities, Office of the General Counsel, Office of the Inspector General, Office of Legislative Affairs, Office of the Managing Director, Office of Media Relations, Office of Strategic Planning and Policy Analysis, and Office of Workplace Diversity.<sup>8</sup>

On March 17, 2006, the FCC announced its plan to create a Public Safety and Homeland Security Bureau.<sup>9</sup> Once created, the bureau will handle the following issues and functions currently dispersed among seven bureaus and offices: public safety communications; priority emergency communications; alert and warning of U.S. citizens; continuity of government operations and continuity of operations planning; public safety outreach; disaster management coordination and outreach; 24/7 communications center; communications infrastructure protection; network reliability and resiliency; network security; advisory committees and panels focused on public safety and security issues; and studies and reports of public safety, homeland security, and disaster management issues. The bureau will be organized into three divisions: Policy Division, Public Communications Outreach & Operations Division, and the Communications Systems Analysis Division. In addition, the Bureau will have a Front Office consisting of the Bureau's senior leadership and management staff<sup>10</sup>.

# FCC Budget

The FCC is funded as a single line item<sup>11</sup> through the Science, State, Justice, Commerce appropriations process in the House and the Commerce, Justice, Science appropriations process in the Senate. The direct appropriation to the Commission is significantly less than its budget because, pursuant to Title I, section 9 of the Communications Act of 1934, the FCC derives most of its funding through regulatory fees.<sup>12</sup>

<sup>&</sup>lt;sup>8</sup> Responsibilities of each of the offices is detailed online at the FCC website at [http://www.fcc.gov/aboutus.html].

<sup>&</sup>lt;sup>9</sup> The changes are subject to Congressional notification before they become effective.

<sup>&</sup>lt;sup>10</sup> For additional information on the new bureau, please refer to the FCC press release, online at [http://hraunfoss.fcc.gov/edocs\_public/attachmatch/DOC-264395A1.pdf].

<sup>&</sup>lt;sup>11</sup> For update-to-date status on the FCC section of the yearly Commerce-Justice-State Appropriations bill, see [http://www.congress.gov/brbk/ html/apcjs64.html].

<sup>&</sup>lt;sup>12</sup> A full discussion of the status of the FCC budget is available online at [http://www.congress.gov/brbk/html/apcjs64.html].

The FCC is funded through the Science, State, Justice, Commerce (House) and Commerce, Justice, Science (Senate) appropriations process as a single line item. H.R. 2862 was signed by President Bush on November 22, 2005 (P.L. 109-108). It includes \$289,771,000 for the salaries and expenses of the FCC. Of the amounts provided, \$288,771,000 is to be derived from offsetting fee collections, resulting in a net direct appropriation of \$1,000,000.<sup>13</sup>

**Table 1** lists the total appropriation, direct appropriation, and regulatory fees offset for FY1999-2006.

| Fiscal<br>Year | Total<br>Appropriation |         | Direct<br>Appropriation |         | Regulatory Fees<br>Offset |         |        |
|----------------|------------------------|---------|-------------------------|---------|---------------------------|---------|--------|
|                | Requested              | Enacted | Requested               | Enacted | Requested                 | Enacted | Actual |
| 1999           | 212.9                  | 192.0   | 40.4                    | 19.5    | 172.5                     | 172.5   | 172.5  |
| 2000           | 230.8                  | 209.9   | 45.1                    | 24.1    | 185.8                     | 185.8   | 185.8  |
| 2001           | 237.1                  | 230.0   | 37.0                    | 29.9    | 200.1                     | 200.1   | 200.1  |
| 2002           | 248.5                  | 245.1   | 29.8                    | 26.3    | 218.8                     | 218.8   | 218.8  |
| 2003           | 278.1                  | 271.0   | 29.9                    | 2.0     | 248.2                     | 269.0   | 265.7  |
| 2004           | 280.1                  | 274.0   | 28.8                    | 1.0     | 251.9                     | 273.0   | 285.0  |
| 2005           | 293.0                  | 281.1   | 20.0                    | 1.0     | 273.0                     | 280.1   | 292.9  |
| 2006           | 304.0                  | 289.8   | 20.0                    | 1.0     | 299.2                     | 288.8   | N/A    |
| 2007           | 327.5                  | N/A     | 26.0                    | N/A     | 301.5                     | N/A     | N/A    |

#### Table 1: FCC Appropriations, FY1999-2006 \$ in Millions

**Note:** This table was compiled, in part, from figures provided by the FCC Office of Legislative Affairs and data from the FCC Strategic Plan Web page.<sup>14</sup>

# **FCC Strategic Plan**

In 2003, the FCC adopted a five-year strategic plan promoting six goals relating to broadband, competition, spectrum, media, homeland security, and FCC modernization. In September 2005, the FCC updated this plan with new descriptions of each goal and incorporating "public safety" into its homeland security goal.<sup>15</sup>

<sup>&</sup>lt;sup>13</sup> See House Report 109-272 (November 7, 2005). See also House Report 109-118 (June 10, 2005) and Senate Report 109-88 (June 23, 2005).

<sup>&</sup>lt;sup>14</sup> The FCC Strategic Plan Web page is online at [http://www.fcc.gov/omd/strategicplan/].

<sup>&</sup>lt;sup>15</sup> The FCC Strategic Plans for FY2003-FY2008 and FY2006-FY2011 are available online at [http://www.fcc.gov/omd/strategicplan/]. The Strategic Plans provide a good reference for the background, mission, and general goals of the FCC. The Strategic Plan also contains a more detailed breakdown and discussion of each of the objectives that comprise each goal.

#### Broadband

All Americans should have affordable access to robust and reliable broadband products and services. Regulatory policies must promote technological neutrality, competition, investment, and innovation to ensure that broadband service providers have sufficient incentive to develop and offer such products and services.<sup>16</sup>

#### Competition

Competition in the provision of communications services, both domestically and overseas, supports the Nation's economy. The competitive framework for communications services should foster innovation and offer consumers reliable, meaningful choice in affordable services.<sup>17</sup>

#### Spectrum

Efficient and effective use of non-federal spectrum domestically and internationally promotes the growth and rapid deployment of innovative and efficient communications technologies and services.<sup>18</sup>

#### Media

The Nation's media regulations must promote competition and diversity and facilitate the transition to digital modes of delivery.<sup>19</sup>

#### **Public Safety & Homeland Security**

Communications during emergencies and crises must be available for public safety, health, defense, and emergency personnel, as well as all consumers in need. The Nation's critical communications infrastructure must be reliable, interoperable, redundant, and rapidly restorable.<sup>20</sup>

#### FCC Modernization

The FCC shall strive to be a highly productive, adaptive, and innovative organization that maximizes the benefit to stakeholders, staff, and management from effective systems, processes, resources, and organizational culture.

- 18 Ibid.
- <sup>19</sup> Ibid.
- <sup>20</sup> Ibid.

<sup>&</sup>lt;sup>16</sup> FCC Strategic Plan, FY2006-FY2011, p. 3

<sup>17</sup> Ibid.

### **Proposals for Change**

Proposals for change at the FCC can be characterized as either "procedural" changes that focus on the manner in which the agency conducts its business or "substantial" changes that focus on the manner in which the FCC regulates the communications industry.

#### **Potential Procedural Changes**

Some of procedural changes under consideration would require new legislation (e.g., Sunshine rules), while others could be achieved through internal FCC action.

Adoption/Release of Orders. The FCC often adopts orders and issues press releases with a summary of the order weeks or even months prior to releasing the order itself. For example, the Triennial Review, which dealt with controversial issues relating to competition in the local telecommunications market, and the 800 MHz order, which dealt with controversial and technically complicated issues related to interference to public safety communications, were released six months and one month, respectively, after they were officially adopted by the Commission. Some congressional policymakers have discussed instituting a "shot clock," which would require the FCC to issue the actual order within a set time frame after it adopts the order and issues a press release.

**Sunshine Rules.** Under current "sunshine laws,"<sup>21</sup> only two commissioners may meet outside the construct of an official "open meeting." While such a requirement, in theory, promotes open discussion of issues under consideration, in reality, most Commission business is conducted by circulating drafts of orders for comment. Further, the open meeting requirement may actually hinder discussion among the commissioners, especially in cases where the disagreement on the draft is significant. In such cases, it might be possible for further compromise if a third or fourth commissioner could be involved in the discussion. While the FCC cannot institute such changes without Congressional amendment to current sunshine requirements, it could be useful to study how other agencies, which do not employ circulation as much as the FCC, work through contentious issues on their agendas. Senator Ted Stevens, Chairman of the Senate Committee on Commerce, Science, and Transportation, has stated that he believes the current sunshine requirements "push too much power to the staff, and it does not allow more

<sup>&</sup>lt;sup>21</sup> The Government in the Sunshine Act, PL 94-409, was passed in 1976. It requires that all federal agencies with units that work independently of each other hold their meetings in public session. The bill explicitly defined meetings as essentially any gathering. Many federal agencies, most notably the independent regulatory agencies, including the FCC, are headed by multiple commissioners. These agencies make most of their decisions through discussions and voting by the board or commission members. This law was created so that these meetings would be in the public domain for all to review. Additional information on this law is available online at [http://www.everything2.com/index.pl?node\_id=1161139].

than two commissioners to be in the same room at one time. . . it really is the sunshine law gone awry."<sup>22</sup>

On May 1, 2006, Senator Stevens introduced the Communications, Consumer's Choice, and Broadband Deployment Act of 2006. Section 1001 of the bill would allow the Commission to conduct a meeting that is not open to the public if the meeting is attended by all members of the Commission or "at least 1 member of the political party whose members are in the minority."<sup>23</sup> This provision, in effect, would allow meetings between 2 Commissioners as long as they are from different political parties.

**Timeliness.** Some of the basic work of the FCC affects the every day function of the telecommunication industry (e.g., license transfers for mergers and sales and license renewals). Some policymakers have expressed concern that these processes take too long to complete. Similar to views concerning more complicated regulatory actions such as rulemaking proceedings, these policymakers believe there should be a strict time limit on how long these actions may take to complete. Such time limits, they state, would provide further operational certainty within the industry.

**Enforcement.** Enforcement of agency rules is currently the responsibility of the FCC's Enforcement Bureau. Previously, enforcement responsibilities were held by a division within each bureau. For example, enforcement of slamming was done by a division within what was then the Common Carrier Bureau (now called the Wireline Competition Bureau). Some policymakers have questioned whether the current "unified" structure is more effective than the previous "diversified" structure and have suggested studying the issue.

#### Potential Substantive Changes

While the changes discussed above could be made by the FCC absent Congressional action, other, more significant changes would likely require the passage of legislation. In fact, the FCC has restructured over the past few years to better reflect the telecommunications industry, but it is still required to adhere to the statutory requirements of its governing legislation, the Communications Act of 1934. Title I of the 1934 Act gives the FCC the authority to structure itself in the manner it believes will allow it to best fulfill its responsibilities; however, from a practical standpoint, the FCC may not be able to restructure to the extent needed to implement significant changes unless changes are made to the 1934 Act itself.

Some policymakers have been critical of the FCC and the manner in which it regulates various sectors of the telecommunications industry — telephone, cable television, radio and television broadcasting, and some aspects of the Internet. These

<sup>&</sup>lt;sup>22</sup> "Stevens to Continue Listening Sessions, But Sees Telecommunications Bill by July," Daily Report for Executives, No. 51, March 17, 2005, Page A-1. This article is available online at [http://ippubs.bna.com/IP/BNA/der.nsf/SearchAllView/ 96C56942C092C93B85256FC70014F11F?Open&highlight=FCC,SUNSHINE].

<sup>&</sup>lt;sup>23</sup> This bill is available online at [http://www.congress.gov/cgi-lis/query/z?c109:S.2686:].

policymakers, including some in Congress, and various interest group and think tank experts, have long called for varying degrees and types of reform to the FCC. Some have called for significantly downsizing the agency by eliminating its regulatory functions and transforming it into an enforcement agency.<sup>24</sup> Others have suggested abolishing the agency and parceling out its functions to other agencies.<sup>25</sup> Others still call for more regulation (e.g., indecency).

For additional information about changes to the regulation of various telecommunications services, see CRS Report RL22444, Net Neutrality: Background and Issues, by Angele A. Gilroy, and CRS Report RL33034, Telecommunications Act: Competition, Innovation, and Reform, by Charles B. Goldfarb.

## FCC-Related Congressional Action: 109th Congress

Since the 109th Congress convened, there has been much discussion regarding the possibility of updating the Communications Act and a number of hearings<sup>26</sup> and "listening sessions"<sup>27</sup> were held. In the Senate, the Committee on Commerce, Science, and Transportation eliminated its Subcommittee on Communications with the intention of considering any legislation to amend the Communications Act in the full committee.

#### Legislation

One bill has been introduced in the 109<sup>th</sup> Congress that would directly affect the structure of the FCC. H.R. 2982, the FCC Reorganization Act, was introduced by Representative Albert Wynn to require the FCC to reorganize its bureaus to better carry out its regulatory functions. Specifically, the bill would require the FCC to create bureaus to address spectrum management, government affairs and consumer

<sup>&</sup>lt;sup>24</sup> See, for example, "How to Reform the FCC", by Randolph J. May, June 21, 2004, available online at [http://news.com.com/20101071-5236715.html].

<sup>&</sup>lt;sup>25</sup> For example, under such a scenario, the FCC would no longer be responsible for reviewing and approving mergers between companies; instead, the Department of Justice would provide anti-trust review. See, e.g., "Why the FCC Should Die," by Declan McCullagh, June 7, 2004, available online at [http://news.com.com/2010-1028-5226979.html]; and "Law and Disorder in Cyberspace: Abolish the FCC and Let Common Law Rule the Telecosm," 1997, information available online at [http://www.phuber.com/huber/cl/cl.htm].

<sup>&</sup>lt;sup>26</sup> A complete list of hearings, along with associated testimony, for the Senate Committee on Science, Commerce, and Transportation is available online at [http://commerce.senate.gov/hearings/index.cfm].

<sup>&</sup>lt;sup>27</sup> For further information on the listening sessions by the Senate Committee on Science, Commerce, and Transportation, see "Stevens to Continue Listening Sessions, But Sees Telecommunications Bill by July," Daily Report for Executives, No. 51, March 17, 2005, Page A-1. This article is available online at [http://ippubs.bna.com/ IP/BNA/der.nsf/SearchAllView/96C56942C092C93B85256FC70014F11F].

education, economic regulations, public interest issues, broadcast content, licensing, enforcement, and international issues. The bill was referred to the Committee on Energey & Commerce on June 17, 2005, and the Subcommittee on Telecommunications and the Internet on July 1, 2005.

Additionally, on May 1, 2006, Senator Stevens introduced the Communications, Consumer's Choice, and Broadband Deployment Act of 2006. Section 1001 of the bill would allow the Commission to conduct a meeting that is not open to the public if the meeting is attended by all members of the Commission or "at least 1 member of the political party whose members are in the minority."<sup>28</sup> This bill is scheduled to be marked up at the end of June 2006.

Other bills have been introduced that would affect issues under the purview of the FCC, including, but not limited to, broadband regulation and deployment, indecent and violent programming, public interest obligations of broadcasters, spectrum allocation, and universal service. These issues are out of the scope of this report.

#### Hearings

On April 26, 2005, FCC Chairman Kevin Martin testified before the House Committee on Appropriations on the FY2006 FCC budget request.<sup>29</sup> During the hearing, Commissioner Martin presented the FCC's budget request and also answered questions on Commission plans and action on issues such as broadcast and cable indecency, the E-Rate, and the provision and availability of emergency services via VOIP.<sup>30</sup>

#### Additional Reading

CRS Report RL22444, Net Neutrality: Background and Issues, by Angele A. Gilroy

CRS Report RL33034, *Telecommunications Act: Competition, Innovation, and Reform*, by Charles B. Goldfarb

CRS Issue Brief IB10045, *Broadband Internet Access: Background and Issues*, by Angele A. Gilroy and Lennard G. Kruger.

<sup>&</sup>lt;sup>28</sup> This bill is available online at [http://www.congress.gov/cgi-lis/query/z?c109:S.2686:].

<sup>&</sup>lt;sup>29</sup> This testimony is available online at [http://hraunfoss.fcc.gov/edocs\_public/ attachmatch/DOC-258333A1.pdf].

<sup>&</sup>lt;sup>30</sup> A complete list of hearings, along with associated testimony, for the House Committee on Energy and Commerce and its subcommittees is available online at [http://energycommerce.house.gov/108/action.htm]. A complete list of hearings, along with associated testimony, for the Senate Committee on Commerce, Science, and Transportation and its subcommittees is available online at [http://commerce.senate.gov /hearings/index.cfm].