

U.S.C. 151 et seq.) has the meaning given that term in the Communications Act of 1934.

(Pub. L. 106-553, §1(a)(2) [title X, §1010], Dec. 21, 2000, 114 Stat. 2762, 2762A-140.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this Act”, and was translated as reading “this title”. See References in Text note set out under section 1101 of this title.

The Communications Act of 1934, referred to in par. (4), is act June 19, 1934, ch. 652, 48 Stat. 1064, as amended, which is classified principally to chapter 5 (§151 et seq.) of this title. For complete classification of this Act to the Code, see section 609 of this title and Tables.

§ 1109. Authorizations of appropriations

(a) Cost of loan guarantees

(1) Authorization of appropriations

For the cost of the loans guaranteed under this chapter, including the cost of modifying the loans, as defined in section 661a of title 2, there are authorized to be appropriated for fiscal years 2001 through 2006, such amounts as may be necessary.

(2) Commodity Credit Corporation funds

(A) In general

Notwithstanding any other provision of law, subject to subparagraph (B), in addition to amounts made available under paragraph (1), of the funds of the Commodity Credit Corporation, the Secretary of Agriculture shall make available for loan guarantees to carry out this chapter \$80,000,000 for the period beginning on May 13, 2002, and ending on December 31, 2006, to remain available until expended.

(B) Broadband loans and loan guarantees

(i) In general

Amounts made available under subparagraph (A) that are not obligated as of the release date described in clause (ii) shall be available to the Secretary to make loans and loan guarantees under section 950bb of title 7.

(ii) Release date

For purposes of clause (i), the release date is the date that is the earlier of—

(I) the date the Secretary determines that at least 75 percent of the designated market areas (as defined in section 122(j) of title 17) not in the top 40 designated market areas described in section 1103(e)(1)(C)(i) of this title have access to local television broadcast signals for virtually all households (as determined by the Secretary); or

(II) December 31, 2006.

(C) Advanced appropriations

Subsections (c) and (h)(1)(B) of section 1103 of this title and section 1104(n)(3)(B) of this title shall not apply to amounts made available under this paragraph.

(b) Cost of administration

There is hereby authorized to be appropriated such sums as may be necessary to carry out the provisions of this chapter, other than to cover costs under subsection (a) of this section.

(c) Availability

Any amounts appropriated pursuant to the authorizations of appropriations in subsections (a) and (b) of this section shall remain available until expended.

(Pub. L. 106-553, §1(a)(2) [title X, §1011], Dec. 21, 2000, 114 Stat. 2762, 2762A-141; Pub. L. 107-171, title VI, §6404(a), May 13, 2002, 116 Stat. 429.)

REFERENCES IN TEXT

This chapter, referred to in subsecs. (a)(1) and (b), was in the original “this Act”, and was translated as reading “this title”. See References in Text note set out under section 1101 of this title.

AMENDMENTS

2002—Subsec. (a). Pub. L. 107-171 designated existing provisions as par. (1), inserted heading, and added par. (2).

§ 1110. Prevention of interference to direct broadcast satellite services

(a) Testing for harmful interference

The Federal Communications Commission shall provide for an independent technical demonstration of any terrestrial service technology proposed by any entity that has filed an application to provide terrestrial service in the direct broadcast satellite frequency band to determine whether the terrestrial service technology proposed to be provided by that entity will cause harmful interference to any direct broadcast satellite service.

(b) Technical demonstration

In order to satisfy the requirement of subsection (a) of this section for any pending application, the Commission shall select an engineering firm or other qualified entity independent of any interested party based on a recommendation made by the Institute of Electrical and Electronics Engineers (IEEE), or a similar independent professional organization, to perform the technical demonstration or analysis. The demonstration shall be concluded within 60 days after December 21, 2000, and shall be subject to public notice and comment for not more than 30 days thereafter.

(c) Definitions

As used in this section:

(1) Direct broadcast satellite frequency band

The term “direct broadcast satellite frequency band” means the band of frequencies at 12.2 to 12.7 gigahertz.

(2) Direct broadcast satellite service

The term “direct broadcast satellite service” means any direct broadcast satellite system operating in the direct broadcast satellite frequency band.

(Pub. L. 106-553, §1(a)(2) [title X, §1012], Dec. 21, 2000, 114 Stat. 2762, 2762A-141.)

CHAPTER 11—COMMERCIAL MOBILE SERVICE ALERTS

Sec.
1201.
1202.

Federal Communications Commission duties.
Commercial Mobile Service Alert Advisory Committee.

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| Sec. | |
| 1203. | Research and development. |
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§ 1201. Federal Communications Commission duties

(a) Commercial mobile service alert regulations

Within 180 days after the date on which the Commercial Mobile Service Alert Advisory Committee, established pursuant to section 1202(a) of this title, transmits recommendations to the Federal Communications Commission, the Commission shall complete a proceeding to adopt relevant technical standards, protocols, procedures, and other technical requirements based on the recommendations of such Advisory Committee necessary to enable commercial mobile service alerting capability for commercial mobile service providers that voluntarily elect to transmit emergency alerts. The Commission shall consult with the National Institute of Standards and Technology regarding the adoption of technical standards under this subsection.

(b) Commercial mobile service election

(1) Amendment of commercial mobile service license

Within 120 days after the date on which the Federal Communications Commission adopts relevant technical standards and other technical requirements pursuant to subsection (a), the Commission shall complete a proceeding—

(A) to allow any licensee providing commercial mobile service (as defined in section 332(d)(1) of this title) to transmit emergency alerts to subscribers to, or users of, the commercial mobile service provided by such licensee;

(B) to require any licensee providing commercial mobile service that elects, in whole or in part, under paragraph (2) not to transmit emergency alerts to provide clear and conspicuous notice at the point of sale of any devices with which its commercial mobile service is included, that it will not transmit such alerts via the service it provides for the device; and

(C) to require any licensee providing commercial mobile service that elects under paragraph (2) not to transmit emergency alerts to notify its existing subscribers of its election.

(2) Election

(A) In general

Within 30 days after the Commission issues its order under paragraph (1), each licensee providing commercial mobile service shall file an election with the Commission with respect to whether or not it intends to transmit emergency alerts.

(B) Transmission standards; notification

If a licensee providing commercial mobile service elects to transmit emergency alerts via its commercial mobile service, the licensee shall—

(i) notify the Commission of its election; and

(ii) agree to transmit such alerts in a manner consistent with the technical standards, protocols, procedures, and other technical requirements implemented by the Commission.

(C) No fee for service

A commercial mobile service licensee that elects to transmit emergency alerts may not impose a separate or additional charge for such transmission or capability.

(D) Withdrawal; late election

The Commission shall establish a procedure—

(i) for a commercial mobile service licensee that has elected to transmit emergency alerts to withdraw its election without regulatory penalty or forfeiture upon advance written notification of the withdrawal to its affected subscribers;

(ii) for a commercial mobile service licensee to elect to transmit emergency alerts at a date later than provided in subparagraph (A); and

(iii) under which a subscriber may terminate a subscription to service provided by a commercial mobile service licensee that withdraws its election without penalty or early termination fee.

(E) Consumer choice technology

Any commercial mobile service licensee electing to transmit emergency alerts may offer subscribers the capability of preventing the subscriber's device from receiving such alerts, or classes of such alerts, other than an alert issued by the President. Within 2 years after the Commission completes the proceeding under paragraph (1), the Commission shall examine the issue of whether a commercial mobile service provider should continue to be permitted to offer its subscribers such capability. The Commission shall submit a report with its recommendations to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Energy and Commerce of the House of Representatives.

(c) Digital television transmission towers retransmission capability

Within 90 days after the date on which the Commission adopts relevant technical standards based on recommendations of the Commercial Mobile Service Alert Advisory Committee, established pursuant to section 1202(a) of this title, the Commission shall complete a proceeding to require licensees and permittees of non-commercial educational broadcast stations or public broadcast stations (as those terms are defined in section 397(6) of this title) to install necessary equipment and technologies on, or as part of, any broadcast television digital signal transmitter to enable the distribution of geographically targeted alerts by commercial mobile service providers that have elected to transmit emergency alerts under this section.

(d) FCC regulation of compliance

The Federal Communications Commission may enforce compliance with this chapter but shall have no rulemaking authority under this

chapter, except as provided in subsections (a), (b), (c), and (f).

(e) Limitation of liability

(1) In general

Any commercial mobile service provider (including its officers, directors, employees, vendors, and agents) that transmits emergency alerts and meets its obligations under this chapter shall not be liable to any subscriber to, or user of, such person's service or equipment for—

(A) any act or omission related to or any harm resulting from the transmission of, or failure to transmit, an emergency alert; or

(B) the release to a government agency or entity, public safety, fire service, law enforcement official, emergency medical service, or emergency facility of subscriber information used in connection with delivering such an alert.

(2) Election not to transmit alerts

The election by a commercial mobile service provider under subsection (b)(2)(A) not to transmit emergency alerts, or to withdraw its election to transmit such alerts under subsection (b)(2)(D) shall not, by itself, provide a basis for liability against the provider (including its officers, directors, employees, vendors, and agents).

(f) Testing

The Commission shall require by regulation technical testing for commercial mobile service providers that elect to transmit emergency alerts and for the devices and equipment used by such providers for transmitting such alerts.

(Pub. L. 109-347, title VI, §602, Oct. 13, 2006, 120 Stat. 1936.)

REFERENCES IN TEXT

This chapter, referred to in subsecs. (d) and (e)(1), was in the original "this title", meaning title VI of Pub. L. 109-347, Oct. 13, 2006, 120 Stat. 1936, which is classified principally to this chapter. For complete classification of title VI to the Code, see Short Title note set out below and Tables.

SHORT TITLE

Pub. L. 109-347, title VI, §601, Oct. 13, 2006, 120 Stat. 1936, provided that: "This title [enacting this chapter, section 314a of Title 6, Domestic Security, and section 5189e of Title 42, The Public Health and Welfare, and amending section 101 of Title 6 and sections 5150, 5172, 5173, and 5184 of Title 42] may be cited as the 'Warning, Alert, and Response Network Act'."

§ 1202. Commercial Mobile Service Alert Advisory Committee

(a) Establishment

Not later than 60 days after October 13, 2006, the chairman of the Federal Communications Commission shall establish an advisory committee, to be known as the Commercial Mobile Service Alert Advisory Committee (referred to in this section as the "Advisory Committee").

(b) Membership

The chairman of the Federal Communications Commission shall appoint the members of the Advisory Committee, as soon as practicable after October 13, 2006, from the following groups:

(1) State and local government representatives

Representatives of State and local governments and representatives of emergency response providers, selected from among individuals nominated by national organizations representing such governments and personnel.

(2) Tribal governments

Representatives from Federally recognized Indian tribes and National Indian organizations.

(3) Subject matter experts

Individuals who have the requisite technical knowledge and expertise to serve on the Advisory Committee in the fulfillment of its duties, including representatives of—

(A) communications service providers;

(B) vendors, developers, and manufacturers of systems, facilities, equipment, and capabilities for the provision of communications services;

(C) third-party service bureaus;

(D) technical experts from the broadcasting industry;

(E) the national organization representing the licensees and permittees of noncommercial broadcast television stations;

(F) national organizations representing individuals with special needs, including individuals with disabilities and the elderly; and

(G) other individuals with relevant technical expertise.

(4) Qualified representatives of other stakeholders and interested parties

Qualified representatives of such other stakeholders and interested and affected parties as the chairman deems appropriate.

(c) Development of system-critical recommendations

Within 1 year after October 13, 2006, the Advisory Committee shall develop and submit to the Federal Communications Commission recommendations—

(1) for protocols, technical capabilities, and technical procedures through which electing commercial mobile service providers receive, verify, and transmit alerts to subscribers;

(2) for the establishment of technical standards for priority transmission of alerts by electing commercial mobile service providers to subscribers;

(3) for relevant technical standards for devices and equipment and technologies used by electing commercial mobile service providers to transmit emergency alerts to subscribers;

(4) for the technical capability to transmit emergency alerts by electing commercial mobile providers to subscribers in languages in addition to English, to the extent practicable and feasible;

(5) under which electing commercial mobile service providers may offer subscribers the capability of preventing the subscriber's device from receiving emergency alerts, or classes of such alerts, (other than an alert issued by the President), consistent with section 1201(b)(2)(E) of this title;

(6) for a process under which commercial mobile service providers can elect to transmit emergency alerts if—

(A) not all of the devices or equipment used by such provider are capable of receiving such alerts; or

(B) the provider cannot offer such alerts throughout the entirety of its service area; and

(7) as otherwise necessary to enable electing commercial mobile service providers to transmit emergency alerts to subscribers.

(d) Meetings

(1) Initial meeting

The initial meeting of the Advisory Committee shall take place not later than 60 days after October 13, 2006.

(2) Other meetings

After the initial meeting, the Advisory Committee shall meet at the call of the chair.

(3) Notice; open meetings

Any meetings held by the Advisory Committee shall be duly noticed at least 14 days in advance and shall be open to the public.

(e) Rules

(1) Quorum

One-third of the members of the Advisory Committee shall constitute a quorum for conducting business of the Advisory Committee.

(2) Subcommittees

To assist the Advisory Committee in carrying out its functions, the chair may establish appropriate subcommittees composed of members of the Advisory Committee and other subject matter experts as deemed necessary.

(3) Additional rules

The Advisory Committee may adopt other rules as needed.

(f) Federal Advisory Committee Act

Neither the Federal Advisory Committee Act (5 U.S.C. App.) nor any rule, order, or regulation promulgated under that Act shall apply to the Advisory Committee.

(g) Consultation with NIST

The Advisory Committee shall consult with the National Institute of Standards and Technology in its work on developing recommendations under paragraphs (2) and (3) of subsection (c).

(Pub. L. 109-347, title VI, §603, Oct. 13, 2006, 120 Stat. 1938.)

REFERENCES IN TEXT

The Federal Advisory Committee Act, referred to in subsec. (f), is Pub. L. 92-463, Oct. 6, 1972, 86 Stat. 770, which is set out in the Appendix to Title 5, Government Organization and Employees.

§ 1203. Research and development

(a) In general

The Under Secretary of Homeland Security for Science and Technology, in consultation with the director of the National Institute of Standards and Technology and the chairman of the Federal Communications Commission, shall establish a research, development, testing, and evaluation program based on the recommenda-

tions of the Commercial Mobile Service Alert Advisory Committee, established pursuant to section 1202(a) of this title, to support the development of technologies to increase the number of commercial mobile service devices that can receive emergency alerts.

(b) Functions

The program established under subsection (a) shall—

(1) fund research, development, testing, and evaluation at academic institutions, private sector entities, government laboratories, and other appropriate entities; and

(2) ensure that the program addresses, at a minimum—

(A) developing innovative technologies that will transmit geographically targeted emergency alerts to the public; and

(B) research on understanding and improving public response to warnings.

(Pub. L. 109-347, title VI, §604, Oct. 13, 2006, 120 Stat. 1940.)

§ 1204. Grant program for remote community alert systems

(a) Grant program

The Under Secretary of Commerce for Oceans and Atmosphere, in consultation with the Secretary of Homeland Security, shall establish a program under which grants may be made to provide for outdoor alerting technologies in remote communities effectively unserved by commercial mobile service (as determined by the Federal Communications Commission within 180 days after October 13, 2006) for the purpose of enabling residents of those communities to receive emergency alerts.

(b) Applications and conditions

In conducting the program, the Under Secretary—

(1) shall establish a notification and application procedure; and

(2) may establish such conditions, and require such assurances, as may be appropriate to ensure the efficiency and integrity of the grant program.

(c) Sunset

The Under Secretary may not make grants under subsection (a) more than 5 years after October 13, 2006.

(d) Limitation

The sum of the amounts awarded for all fiscal years as grants under this section may not exceed \$10,000,000.

(Pub. L. 109-347, title VI, §605, Oct. 13, 2006, 120 Stat. 1940.)

§ 1205. Funding

(a) In general

In addition to any amounts provided by appropriation Acts, funding for this chapter shall be provided from the Digital Transition and Public Safety Fund in accordance with section 3010 of the Digital Television Transition and Public Safety Act of 2005 (47 U.S.C. 309 note).

(b) Compensation

The Assistant Secretary of Commerce for Communications and Information shall com-

pensate any such broadcast station licensee or permittee for reasonable costs incurred in complying with the requirements imposed pursuant to section 1201(c) of this title from funds made available under this section. The Assistant Secretary shall ensure that sufficient funds are made available to effectuate geographically targeted alerts.

(c) Credit

The Assistant Secretary of Commerce for Communications and Information, in consultation with the Under Secretary of Homeland Security for Science and Technology and the Under Secretary of Commerce for Oceans and Atmosphere, may borrow from the Treasury beginning on October 1, 2006, such sums as may be necessary, but not to exceed \$106,000,000, to implement this chapter. The Assistant Secretary of Commerce for Communications and Information shall ensure that the Under Secretary of Homeland Security for Science and Technology and the Under Secretary of Commerce for Oceans and Atmosphere are provided adequate funds to carry out their responsibilities under sections 1203 and 1204 of this title. The Treasury shall be reimbursed, without interest, from amounts in the Digital Television Transition and Public Safety Fund as funds are deposited into the Fund.

(Pub. L. 109-347, title VI, §606, Oct. 13, 2006, 120 Stat. 1941.)

REFERENCES IN TEXT

This chapter, referred to in subsecs. (a) and (c), was in the original “this title”, meaning title VI of Pub. L. 109-347, Oct. 13, 2006, 120 Stat. 1936, which is classified principally to this chapter. For complete classification of title VI to the Code, see Short Title note set out under section 1201 of this title and Tables.

Section 3010 of the Digital Television Transition and Public Safety Act of 2005, referred to in subsec. (a), is section 3010 of Pub. L. 109-171, which is set out in a note under section 309 of this title.

CHAPTER 12—BROADBAND

| | |
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| Sec. | |
| 1301. | Findings. |
| 1302. | Advanced telecommunications incentives. |
| 1303. | Improving Federal data on broadband. |
| 1304. | Encouraging State initiatives to improve broadband. |
| 1305. | Broadband Technology Opportunities Program. |

§ 1301. Findings

The Congress finds the following:

(1) The deployment and adoption of broadband technology has resulted in enhanced economic development and public safety for communities across the Nation, improved health care and educational opportunities, and a better quality of life for all Americans.

(2) Continued progress in the deployment and adoption of broadband technology is vital to ensuring that our Nation remains competitive and continues to create business and job growth.

(3) Improving Federal data on the deployment and adoption of broadband service will assist in the development of broadband technology across all regions of the Nation.

(4) The Federal Government should also recognize and encourage complementary State efforts to improve the quality and usefulness of broadband data and should encourage and support the partnership of the public and private sectors in the continued growth of broadband services and information technology for the residents and businesses of the Nation.

(Pub. L. 110-385, title I, §102, Oct. 10, 2008, 122 Stat. 4096.)

SHORT TITLE

Pub. L. 110-385, title I, §101, Oct. 10, 2008, 122 Stat. 4096, provided that: “This title [enacting this chapter and amending section 1302 of this title] may be cited as the ‘Broadband Data Improvement Act’.”

UNLEASHING THE WIRELESS BROADBAND REVOLUTION

Memorandum of President of the United States, June 28, 2010, 75 F.R. 38387, provided:

Memorandum for the Heads of Executive Departments and Agencies

America’s future competitiveness and global technology leadership depend, in part, upon the availability of additional spectrum. The world is going wireless, and we must not fall behind. The resurgence of American productivity growth that started in the 1990s largely reflects investments by American companies, the public sector, and citizens in the new communications technologies that are what we know today as the Internet. The Internet, as vital infrastructure, has become central to the daily economic life of almost every American by creating unprecedented opportunities for small businesses and individual entrepreneurs. We are now beginning the next transformation in information technology: the wireless broadband revolution.

Few technological developments hold as much potential to enhance America’s economic competitiveness, create jobs, and improve the quality of our lives as wireless high-speed access to the Internet. Innovative new mobile technologies hold the promise for a virtuous cycle—millions of consumers gain faster access to more services at less cost, spurring innovation, and then a new round of consumers benefit from new services. The wireless revolution has already begun with millions of Americans taking advantage of wireless access to the Internet.

Expanded wireless broadband access will trigger the creation of innovative new businesses, provide cost-effective connections in rural areas, increase productivity, improve public safety, and allow for the development of mobile telemedicine, telework, distance learning, and other new applications that will transform Americans’ lives.

Spectrum and the new technologies it enables also are essential to the Federal Government, which relies on spectrum for important activities, such as emergency communications, national security, law enforcement, aviation, maritime, space communications, and numerous other Federal functions. Spectrum is also critical for many State, local, and tribal government functions. As the wireless broadband revolution unfolds, innovation can enable efficient and imaginative uses of spectrum to maintain and enhance the Government’s capabilities.

In order to achieve mobile wireless broadband’s full potential, we need an environment where innovation thrives, and where new capabilities also are secure, trustworthy, and provide appropriate safeguards for users’ privacy. These characteristics will continue to be important to the adoption of mobile wireless broadband.

This new era in global technology leadership will only happen if there is adequate spectrum available to support the forthcoming myriad of wireless devices, networks, and applications that can drive the new economy. To do so, we can use our American ingenuity to wring abundance from scarcity, by finding ways to