[Committee Print]

[SHOWING THE TEXT OF H.R. 7624 AS FORWARDED BY THE SUBCOMMITTEE
ON COMMUNICATIONS AND TECHNOLOGY ON JUNE 15, 2022]

117TH CONGRESS
2ND SESSION

H. R. 7624

To make available additional frequencies in the 3.1–3.45 GHz band for
non-Federal use, shared Federal and non-Federal use, or a combination
thereof, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

APRIL 28, 2022

Mr. Michael F. Doyle of Pennsylvania (for himself, Mr. Latta, Ms. Matsui,
Mr. Bilirakis, Ms. Eshoo, Mr. Carter of Georgia, Mr. O'Halleran, Mr. Duncan,
Ms. Schrier, Mr. Upton, Mr. McEachin, Mr. Hudson, Mr. Welch, Mr. Guthrie,
Ms. Schakowsky, Mr. Long, Ms. DeGette, Mr. Kinzinger, Ms. Kuster,
Mr. Walberg, and Mr. McNerney) introduced the following bill; which was
referred to the Committee on Energy and Commerce.

A BILL

To make available additional frequencies in the 3.1–3.45 GHz band for non-Federal use, shared Federal and non-Federal use, or a combination thereof, and for other
purposes.

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Be it enacted by the Senate and House of Representa-

tives of the United States of America in Congress assembled,
SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) Short Title.—This Act may be cited as the “Spectrum Innovation Act of 2022”.

(b) Table of Contents.—The table of contents for this Act is as follows:

Sec. 1. Short title; table of contents.

TITLE I—SPECTRUM AUCTIONS AND INNOVATION

Sec. 101. Spectrum auctions and innovation.

TITLE II—SECURE AND TRUSTED COMMUNICATIONS NETWORKS REIMBURSEMENT PROGRAM

Sec. 201. Increase in limitation on expenditure.

TITLE III—NEXT GENERATION 9–1–1

Sec. 301. Further deployment and coordination of Next Generation 9–1–1.
Sec. 302. Transfer to NTIA of sole responsibility for certain 9–1–1 implementation coordination functions.

TITLE I—SPECTRUM AUCTIONS AND INNOVATION

SEC. 101. SPECTRUM AUCTIONS AND INNOVATION.

(a) DEFINITIONS.—In this section:

(1) ASSISTANT SECRETARY.—The term “Assistant Secretary” means the Assistant Secretary of Commerce for Communications and Information.

(2) COMMISSION.—The term “Commission” means the Federal Communications Commission.

(3) COVERED BAND.—The term “covered band” means the band of frequencies between 3100 megahertz and 3450 megahertz, inclusive.

(4) FEDERAL ENTITY.—The term “Federal entity” has the meaning given such term in section
(5) **RELEVANT CONGRESSIONAL COMMITTEES.**—The term “relevant congressional committees” means—

(A) the Committee on Energy and Commerce of the House of Representatives;

(B) the Committee on Commerce, Science, and Transportation of the Senate;

(C) the Committee on Armed Services of the House of Representatives; and

(D) the Committee on Armed Services of the Senate.

(6) **RELOCATION OR SHARING COSTS.**—The term “relocation or sharing costs” has the meaning given such term in section 113(g)(3) of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 923(g)(3)).

(7) **SECRETARY.**—The term “Secretary” means the Secretary of Commerce.

(b) **3.1–3.45 GHz BAND.**—

(1) **PIPELINE FUNDING.**—

(A) **IN GENERAL.**—Immediately following the approval under subparagraph (E) of sub-
section (g)(2) of section 118 of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 928) of a plan submitted under subparagraph (D)(i)(I) of such subsection by a Federal entity with operations in the covered band, the Director of the Office of Management and Budget shall transfer to such Federal entity from the Spectrum Relocation Fund established under such section $50,000,000 for such Federal entity to carry out activities described in subparagraph (A) of such subsection in order to make available the entire covered band for non-Federal use, shared Federal and non-Federal use, or a combination thereof, including by making available—

(i) frequencies in the covered band for identification by the Secretary under paragraph (2)(A); and

(ii) frequencies in the covered band for identification by the Secretary under paragraph (2)(B).

(B) EXEMPTION.—Section 118(g)(2)(D)(ii) of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 928(g)(2)(D)(ii)) shall
not apply with respect to the payment required under subparagraph (A).

(C) OVERSIGHT.—The Assistant Secretary and the Executive Office of the President shall continuously review and provide oversight of the activities carried out using a payment under subparagraph (A).

(D) REPORT TO SECRETARY OF COMMERCE AND CONGRESS.—Not later than 18 months after the date of enactment of this Act, for the purposes of aiding the Secretary in making the identification under paragraph (2) and informed by the activities carried out using a payment under subparagraph (A), any Federal entity receiving such a payment, in consultation with the Assistant Secretary and the Executive Office of the President, shall submit to the Secretary and the relevant congressional committees a report that—

(i) contains the findings of the activities carried out using such payment; and

(ii) recommends—

(I) frequencies in the covered band for identification by the Secretary under paragraph (2)(A); and
(II) frequencies in the covered band for identification by the Secretary under paragraph (2)(B).

(2) IDENTIFICATION.—Not later than 24 months after the date of enactment of this Act, informed by the activities carried out using a payment under paragraph (1)(A) and the report required under paragraph (1)(D), the Secretary, in consultation with the Secretary of Defense, the Director of the Office of Science and Technology Policy, and the Commission, shall submit to the President, the Commission, and the relevant congressional committees a report that—

(A) identifies for inclusion in a system of competitive bidding under paragraph (3) at least 200 megahertz of frequencies in the covered band for non-Federal use, shared Federal and non-Federal use, or a combination thereof; and

(B) identifies additional frequencies in the covered band that could be made available for non-Federal use, shared Federal and non-Federal use, or a combination thereof.

(3) AUCTION.—
(A) In general.—Not later than 7 years after the date of enactment of this Act, the Commission, in coordination with the Assistant Secretary, shall commence a system of competitive bidding under section 309(j) of the Communications Act of 1934 (47 U.S.C. 309(j)), in accordance with paragraph (2) of this subsection, of the frequencies identified under subparagraph (A) of that paragraph.

(B) Prohibition.—No entity that is on the list required by section 2 of the Secure and Trusted Communications Networks Act of 2019 (47 U.S.C. 1601) may participate in the system of competitive bidding required by subparagraph (A).

(C) Scope.—The Commission may not include in the system of competitive bidding required by subparagraph (A) any frequencies that are not in the covered band.

(D) Deposit of proceeds.—Notwithstanding subparagraphs (A), (C)(i), and (D) of section 309(j)(8) of the Communications Act of 1934 (47 U.S.C. 309(j)(8)) and except as provided in subparagraph (B) of such section, the proceeds (including deposits and upfront pay-
ments from successful bidders) of the system of competitive bidding required by subparagraph (A) of this paragraph (in this subparagraph referred to as the “covered proceeds”) shall be deposited or available as follows:

(i) Such amount of the covered proceeds as is necessary to cover the relocation or sharing costs of Federal entities relocated from or sharing the frequencies identified under paragraph (2)(A) of this subsection shall be deposited in the Spectrum Relocation Fund established under section 118 of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 928).

(ii) After the amount required to be deposited by clause (i) is so deposited, $3,400,000,000 (or such lesser amount as remains) of the covered proceeds shall be available to the Commission until expended to make reimbursements under section 4 of the Secure and Trusted Communications Networks Act of 2019 (47 U.S.C. 1603).

(iii) After the amount required to be made available by clause (ii) is so made
available, any remainder of the covered
proceeds (but not more than
$10,000,000,000 of any such remainder)
shall be available to the Assistant Sec-
retary until expended to carry out title III
of this Act and the amendments made by
such title, except that not more than 4 per-
cent of the amount made available by this
clause may be used for administrative pur-
poses (including carrying out sections 160
and 161 of the National Telecommuni-
cations and Information Administration
Organization Act, as added by such title).

(4) MODIFICATION OR WITHDRAWAL.—

(A) IN GENERAL.—The President shall
modify or withdraw any assignment to a Fed-
eral Government station of the frequencies iden-
tified under paragraph (2)(A) to accommodate
non-Federal use, shared Federal and non-Fed-
eral use, or a combination thereof in accordance
with that paragraph.

(B) LIMITATIONS.—The President may not
modify or withdraw any assignment to a Fed-
eral Government station as described in sub-
paragraph (A)—
(i) unless the President determines that such modification or withdrawal will not compromise the primary mission of a Federal entity operating in the covered band; or

(ii) before November 30, 2024.

(5) Auction proceeds to cover 110 percent of Federal relocation or sharing costs.—Nothing in this subsection shall be construed to relieve the Commission from the requirements under section 309(j)(16)(B) of the Communications Act of 1934 (47 U.S.C. 309(j)(16)(B)).

(6) Rules authorizing additional use of spectrum in covered band.—Not later than 4 years after the date of enactment of this Act, the Commission, in coordination with the Assistant Secretary, shall adopt rules that authorize the use of spectrum in the covered band identified under paragraph (2)(B) for non-Federal use, shared Federal and non-Federal use, or a combination thereof.

(c) FCC Auction Authority.—

(1) Termination.—Section 309(j)(11) of the Communications Act of 1934 (47 U.S.C. 309(j)(11)) is amended by striking “2025” and all that follows and inserting “2025, and with respect to the electro-
magnetic spectrum identified under section 101(b)(2)(A) of the Spectrum Innovation Act of 2022, such authority shall expire on the date that is 7 years after the date of enactment of that Act.”.

(2) SPECTRUM PIPELINE ACT OF 2015.—Section 1004 of the Spectrum Pipeline Act of 2015 (Public Law 114–74; 129 Stat. 621; 47 U.S.C. 921 note) is amended—

(A) in subsection (a), by striking “2022” and inserting “2024”; and

(B) in subsection (b)(1), by striking “2022” and inserting “2024”.

(d) REPEAL.—Section 90008 of the Infrastructure Investment and Jobs Act (Public Law 117–58; 135 Stat. 1348; 47 U.S.C. 921 note), and the item relating to such section in the table of contents in section 1(b) of such Act, are repealed.

TITLE II—SECURE AND TRUSTED COMMUNICATIONS NETWORKS REIMBURSEMENT PROGRAM

SEC. 201. INCREASE IN LIMITATION ON EXPENDITURE.

Section 4(k) of the Secure and Trusted Communications Networks Act of 2019 (47 U.S.C. 1603(k)) is
amended by striking “$1,900,000,000” and inserting “$5,300,000,000”.

TITLE III—NEXT GENERATION 9–1–1

SEC. 301. FURTHER DEPLOYMENT AND COORDINATION OF NEXT GENERATION 9–1–1.

(a) ADDITIONAL DUTIES OF THE 9–1–1 IMPLEMENTATION COORDINATION OFFICE WITH RESPECT TO NEXT GENERATION 9–1–1.—Section 158 of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 942) is amended—

(1) in subsection (a)—

(A) in paragraph (1)(B), by inserting “and section 159” after “section”; and

(B) by adding at the end the following:

“(4) ADDITIONAL DUTIES OF THE OFFICE WITH RESPECT TO NEXT GENERATION 9–1–1.—

“(A) ADDITIONAL DUTIES.—The Office shall—

“(i) take actions, in concert with the coordinators designated in accordance with section 159(b)(2)(A)(ii), to improve coordination and communication with respect to the implementation of Next Generation 9–1–1;
'(ii) develop, collect, and disseminate information concerning the practices, procedures, and technology used in the implementation of Next Generation 9–1–1;

'(iii) advise and assist eligible entities in the preparation of implementation plans required under section 159(b)(2)(A)(iii);

'(iv) provide technical assistance to eligible entities provided a grant under section 159(b) in support of efforts to explore efficiencies related to Next Generation 9–1–1;

'(v) receive, review, and recommend to the Assistant Secretary and the Administrator the approval or disapproval of applications for grants under section 159(b); and

'(vi) oversee the use of funds provided by such grants in fulfilling such implementation plans.

'(B) ANNUAL REPORTS.—Not later than October 1, 2023, and each year thereafter until funds made available to make grants under section 159(b) are no longer available to be expended, the Assistant Secretary and the Admin-
istrator shall submit to Congress a report on
the activities conducted by the Office under
subparagraph (A) in the year preceding the
submission of the report.’’; and
(2) in subsection (d)(2), by striking ‘‘section’’
each place it appears and inserting ‘‘section (except
for paragraphs (1) and (4) of subsection (a) and for
subsection (e))’’.

(b) COORDINATION OF NEXT GENERATION 9–1–1
IMPLEMENTATION.—Part C of the National Tele-
communications and Information Administration Organi-
zation Act (47 U.S.C. 901 et seq.) is amended by adding
at the end the following:

‘‘SEC. 159. COORDINATION OF NEXT GENERATION 9–1–1 IM-
PLEMENTATION.

‘‘(a) ADDITIONAL FUNCTIONS OF 9–1–1 IMPLEMENTATION COORDINATION OFFICE.—

‘‘(1) MANAGEMENT PLAN.—

‘‘(A) DEVELOPMENT.—The Assistant Sec-
retary and the Administrator shall develop a
management plan for the grant program estab-
lished under this section, including by devel-
oping—

‘‘(i) plans related to the organiza-
tional structure of such program; and
“(ii) funding profiles for each fiscal year of the duration of such program.

“(B) SUBMISSION TO CONGRESS.—Not later than 180 days after the date of the enactment of this section, the Assistant Secretary and the Administrator shall—

“(i) submit the management plan developed under subparagraph (A) to—

“(I) the Committees on Commerce, Science, and Transportation and Appropriations of the Senate; and

“(II) the Committees on Energy and Commerce and Appropriations of the House of Representatives; and

“(ii) publish the management plan developed under subparagraph (A) on the website of the National Telecommunications and Information Administration.

“(2) MODIFICATION OF PLAN.—

“(A) MODIFICATION.—The Assistant Secretary and the Administrator may modify the management plan developed under paragraph (1)(A).

“(B) SUBMISSION.—Not later than 90 days after the plan is modified under subpara-
graph (A), the Assistant Secretary and the Administrator shall—

“(i) submit the modified plan to—

“(I) the Committees on Commerce, Science, and Transportation and Appropriations of the Senate; and

“(II) the Committees on Energy and Commerce and Appropriations of the House of Representatives; and

“(ii) publish the modified plan on the website of the National Telecommunications and Information Administration.

“(b) NEXT GENERATION 9–1–1 IMPLEMENTATION GRANTS.—

“(1) GRANTS.—The Assistant Secretary and the Administrator, acting through the Office, shall provide grants to eligible entities for—

“(A) implementing Next Generation 9–1–1;

“(B) maintaining Next Generation 9–1–1;

“(C) training directly related to implementing, maintaining, and operating Next Generation 9–1–1 if the cost related to the training does not exceed 3 percent of the total grant award;
“(D) public outreach and education on how the public can best use Next Generation 9–1–1 and the capabilities and usefulness of Next Generation 9–1–1;

“(E) administrative costs associated with planning and implementation of Next Generation 9–1–1, including any cost related to planning for and preparing an application and related materials as required by this subsection, if—

“(i) the cost is fully documented in materials submitted to the Office; and

“(ii) the cost is reasonable, necessary, and does not exceed 1 percent of the total grant award; and

“(F) costs associated with implementing cybersecurity measures at emergency communications centers or with respect to Next Generation 9–1–1.

“(2) APPLICATION.—In providing grants under paragraph (1), the Assistant Secretary and the Administrator, acting through the Office, shall require an eligible entity to submit to the Office an application, at the time and in the manner determined by the Assistant Secretary and the Administrator, and
containing the certification required by paragraph (3).

“(3) COORDINATION REQUIRED.—Each eligible entity shall include in the application required by paragraph (2) a certification that—

“(A) in the case of an eligible entity that is a State, the entity—

“(i) has coordinated the application with the emergency communications centers located within the jurisdiction of the entity;

“(ii) has designated a single officer or governmental body to serve as the State point of contact to coordinate the implementation of Next Generation 9–1–1 for that State, except that such designation need not vest such officer or governmental body with direct legal authority to implement Next Generation 9–1–1 or to manage emergency communications operations; and

“(iii) has developed and submitted a plan for the coordination and implementation of Next Generation 9–1–1 that—
“(I) ensures interoperability by requiring the use of commonly accepted standards;

“(II) ensures reliable operations;

“(III) enables emergency communications centers to process, analyze, and store multimedia, data, and other information;

“(IV) incorporates cybersecurity tools, including intrusion detection and prevention measures;

“(V) includes strategies for coordinating cybersecurity information sharing between Federal, State, Tribal, and local government partners;

“(VI) uses open and competitive request for proposal processes, including through shared government procurement vehicles, for deployment of Next Generation 9-1-1;

“(VII) documents how input was received and accounted for from relevant rural and urban emergency communications centers, regional au-
authorities, local authorities, and Tribal authorities;

“(VIII) includes a governance body or bodies, either by creation of new, or use of existing, body or bodies, for the development and deployment of Next Generation 9–1–1 that—

“(aa) ensures full notice and opportunity for participation by relevant stakeholders; and

“(bb) consults and coordinates with the State point of contact required by clause (ii);

“(IX) creates efficiencies related to Next Generation 9–1–1 functions, including cybersecurity and the virtualization and sharing of infrastructure, equipment, and services; and

“(X) utilizes an effective, competitive approach to establishing authentication, credentialing, secure connections, and access in deploying Next Generation 9–1–1, including by—
“(aa) requiring certificate authorities to be capable of cross-certification with other authorities;

“(bb) avoiding risk of a single point of failure or vulnerability; and

“(cc) adhering to Federal agency best practices such as those promulgated by the National Institute of Standards and Technology; and

“(B) in the case of an eligible entity that is a Tribal Organization, the Tribal Organization has complied with clauses (i) and (iii) of subparagraph (A).

“(4) CRITERIA.—

“(A) IN GENERAL.—Not later than 9 months after the date of the enactment of this section, the Assistant Secretary and the Administrator shall issue regulations, after providing the public with notice and an opportunity to comment, prescribing the criteria for selection for grants under this subsection.
“(B) REQUIREMENTS.—The criteria shall—

“(i) include performance requirements and a schedule for completion of any project to be financed by a grant under this subsection; and

“(ii) specifically permit regional or multi-State applications for funds.

“(C) UPDATES.—The Assistant Secretary and the Administrator shall update such regulations as necessary.

“(5) GRANT CERTIFICATIONS.—Each eligible entity shall certify to the Assistant Secretary and the Administrator at the time of application, and each eligible entity that receives such a grant shall certify to the Assistant Secretary and the Administrator annually thereafter during any period of time the funds from the grant are available to the eligible entity, that—

“(A) beginning on the date that is 180 days before the date on which the application as filed, no portion of any 9–1–1 fee or charge imposed by the eligible entity (or in the case that the eligible entity is not a State or Tribal organization, any State or taxing jurisdiction within
which the eligible entity will carry out, or is carrying out, activities using grant funds) are obligated or expended for a purpose or function not designated under the rules issued pursuant to section 6(f)(3) of the Wireless Communications and Public Safety Act of 1999 (47 U.S.C. 615a–1(f)(3))(as such rules are in effect on the date on which the eligible entity makes the certification) as acceptable;

“(B) any funds received by the eligible entity will be used consistent with subsection (b)(1) to support the deployment of Next Generation 9–1–1 that ensures reliability and interoperability, by requiring the use of commonly accepted standards;

“(C) the eligible entity (or in the case that the eligible entity is not a State or Tribal organization, any State or taxing jurisdiction within which the eligible entity will carry out or is carrying out activities using grant funds) has established, or has committed to establish not later than 3 years following the date on which the grant funds are distributed to the eligible entity—
“(i) a sustainable funding mechanism for Next Generation 9–1–1; and

“(ii) effective cybersecurity resources for Next Generation 9–1–1;

“(D) the eligible entity will promote interoperability between emergency communications centers deploying Next Generation 9–1–1 and emergency response providers, including users of the nationwide public safety broadband network;

“(E) the eligible entity has or will take steps to coordinate with adjoining States and Tribes to establish and maintain Next Generation 9–1–1; and

“(F) the eligible entity has developed a plan for public outreach and education on how the public can best use Next Generation 9–1–1 and on the capabilities and usefulness of Next Generation 9–1–1.

“(6) CONDITION OF GRANT.—Each eligible entity shall agree, as a condition of receipt of a grant made under this subsection, that if any State or taxing jurisdiction within which the eligible entity will carry out activities using grant funds, during any period of time during which the funds from the
grant are available to the eligible entity, fails to
comply a certification required under paragraph (5),
all of the funds from such grant shall be returned
to the Office.

“(7) PENALTY FOR PROVIDING FALSE INFOR-
MATION.—Any eligible entity that provides a certifi-
cation under paragraph (5) knowing that the infor-
mation provided in the certification was false shall—

“(A) not be eligible to receive the grant
under this subsection;

“(B) return any grant awarded under this
subsection; and

“(C) not be eligible to receive any subse-
quent grants under this subsection.

“(8) PROHIBITION.—Grant funds provided
under this subsection may not be used—

“(A) to support any activity of the First
Responder Network Authority; or

“(B) to make any payments to a person
who has been, for reasons of national security,
prohibited by any entity of the Federal Govern-
ment from bidding on a contract, participating
in an auction, or receiving a grant.

“(c) DEFINITIONS.—In this section and sections 160
and 161:
“(1) 9–1–1 FEE OR CHARGE.—The term ‘9–1–1 fee or charge’ has the meaning given such term in section 6(f)(3)(D) of the Wireless Communications and Public Safety Act of 1999 (47 U.S.C. 615a–1(f)(3)(D)).

“(2) 9–1–1 REQUEST FOR EMERGENCY ASSISTANCE.—The term ‘9–1–1 request for emergency assistance’ means a communication, such as voice, text, picture, multimedia, or any other type of data that is sent to a facility for the purpose of requesting emergency assistance.

“(3) ADMINISTRATOR.—The term ‘Administrator’ means the Administrator of the National Highway Traffic Safety Administration.

“(4) COMMONLY ACCEPTED STANDARDS.—The term ‘commonly accepted standards’ mean the technical standards followed by the communications industry for network, device, and Internet Protocol connectivity that—

“(A) enable interoperability; and

“(B) are—

“(i) developed and approved by a standards development organization that is accredited by an American or international standards body (such as the American Na-
ational Standards Institute or International
Code Council) in a process—
“(I) that is open to the public,
including open for participation by
any person; and
“(II) provides for a conflict resolu-
tion process;
“(ii) subject to an open comment and
input process before being finalized by the
standards development organization;
“(iii) consensus-based; and
“(iv) made publicly available once ap-
proved.
“(5) COST RELATED TO TRAINING.—The term
‘cost related to training’ means—
“(A) actual wages incurred for travel and
attendance, including any necessary overtime
pay and backfill wage;
“(B) travel expenses;
“(C) instructor expenses; or
“(D) facility costs and training materials.
“(6) ELIGIBLE ENTITY.—The term ‘eligible en-
tity’—
“(A) means a State or a Tribal organiza-
tion (as defined in section 4(l) of the Indian
Self-Determination and Education Assistance Act (25 U.S.C. 5304));

“(B) may be an entity, including a public authority, board, or commission, established by one or more entities described in subparagraph (A); and

“(C) does not include any entity that has failed to submit the certifications required under subsection (b)(4).

“(7) EMERGENCY COMMUNICATIONS CENTER.—The term ‘emergency communications center’—

“(A) means a facility that—

“(i) is designated to receive a 9–1–1 request for emergency assistance; and

“(ii) performs one or more of the following functions—

“(I) process and analyze 9–1–1 requests for emergency assistance and information and data related to such requests;

“(II) dispatch appropriate emergency response providers;

“(III) transfer or exchange 9–1–1 requests for emergency assistance and information and data related to
such requests with one or more facilities described under this paragraph and emergency response providers;

“(IV) analyze any communications received from emergency response providers; and

“(V) support incident command functions; or

“(B) may be a public safety answering point, as defined in section 222 of the Communications Act of 1934 (47 U.S.C. 222).


“(9) FIRST RESPONDER NETWORK AUTHORITY.—The term ‘First Responder Network Authority’ means the authority established under 6204 of the Middle Class Tax Relief and Job Creation Act of 2012 (47 U.S.C. 1424).

“(10) INTEROPERABLE.—The term ‘interoperable’ or ‘interoperability’ means the capability of emergency communications centers to receive 9–1–1 requests for emergency assistance and information/data related to such requests, such as location infor-
mation and callback numbers from a person initiating the request, then process and share the 9–1–1 requests for emergency assistance and information/data related to such requests with other emergency communications centers and emergency response providers without the need for proprietary interfaces and regardless of jurisdiction, equipment, device, software, service provider, or other relevant factors.

“(11) NATIONWIDE PUBLIC SAFETY BROADBAND NETWORK.—The term ‘nationwide public safety broadband network’ has the meaning given the term in section 6001 of the Middle Class Tax Relief and Job Creation Act of 2012 (47 U.S.C. 1401).

“(12) NEXT GENERATION 9–1–1.—The term ‘Next Generation 9–1–1’ means an interoperable, secure, Internet Protocol-based system that—

“(A) employs commonly accepted standards;

“(B) enables emergency communications centers to receive, process, and analyze all types of 9–1–1 requests for emergency assistance;
“(C) acquires and integrates additional information useful to handling 9–1–1 requests for emergency assistance; and

“(D) supports sharing information related to 9–1–1 requests for emergency assistance among emergency communications centers and emergency response providers.

“(13) OFFICE.—The term ‘Office’ means the 9–1–1 Implementation Coordination Office established under section 158.

“(14) RELIABILITY.—The term ‘reliability’ or ‘reliable’ means the employment of sufficient measures to ensure the ongoing operation of Next Generation 9–1–1 including through the use of geo-diverse, device- and network-agnostic elements that provide more than one physical route between end points with no common points where a single failure at that point would cause all to fail.

“(15) STATE.—The term ‘State’ means any State of the United States, the District of Columbia, Puerto Rico, American Samoa, Guam, the United States Virgin Islands, the Northern Mariana Islands, and any other territory or possession of the United States.
"(16) SUSTAINABLE FUNDING MECHANISM.—
The term ‘sustainable funding mechanism’ means a funding mechanism that provides adequate revenues to cover ongoing expenses, including operations, maintenance, and upgrades.

"(d) SAVING PROVISION.—Nothing in this title, or any amendment made by this title, shall affect any application pending or grant awarded under section 158 of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 942) before the date of the enactment of this section.

"SEC. 160. ESTABLISHMENT OF NATIONWIDE NEXT GENERATION 9–1–1 CYBERSECURITY CENTER.

"The Assistant Secretary and the Administrator shall establish a Next Generation 9–1–1 Cybersecurity Center to Coordinate with State, local, and regional governments on the sharing of cybersecurity information about, the analysis of cybersecurity threats to, and guidelines for strategies to detect and prevent cybersecurity intrusions relating to Next-Generation 9–1–1.

"SEC. 161. NEXT GENERATION 9–1–1 ADVISORY BOARD.

"(a) NEXT GENERATION 9–1–1 ADVISORY BOARD.—

"(1) ESTABLISHMENT.—The Assistant Secretary and the Administrator, acting through the Office, shall establish a ‘Public Safety Next Generation
9–1–1 Advisory Board’ (in this section referred to as the ‘Board’) to provide recommendations to the Office—

“(A) with respect to carrying out the duties and responsibilities of the Office in issuing the regulations required under section 159(b);

“(B) as required by paragraph (7); and

“(C) upon request under paragraph (9).

“(2) Membership.—

“(A) Voting Members.—Not later than 120 days after the date of enactment of this section, the Assistant Secretary and the Administrator, acting through the Office, shall appoint 16 public safety members to the Board, of which—

“(i) 4 members shall represent local law enforcement officials;

“(ii) 4 members shall represent fire and rescue officials;

“(iii) 4 members shall represent emergency medical service officials; and

“(iv) 4 members shall represent 9–1–1 professionals.

“(B) Diversity of Membership.—Members shall be representatives of State or Tribes
and local governments, chosen to reflect geographic and population density differences as well as public safety organizations at the national level across the United States.

“(C) EXPERTISE.—All members shall have specific expertise necessary for developing technical requirements under this section, such as technical expertise, and expertise related to public safety communications and 9–1–1 services.

“(D) RANK AND FILE MEMBERS.—A rank and file member from each of the public safety disciplines listed in clauses (i) through (iv) of subparagraph (A) shall be appointed as a member of the Board and shall be selected from an organization that represents their public safety discipline at the national level.

“(3) PERIOD OF APPOINTMENT.—

“(A) IN GENERAL.—Except as provided in subparagraph (B), members of the Board shall serve for a 3-year term.

“(B) REMOVAL FOR CAUSE.—A member of the Board may be removed for cause upon the determination of the Assistant Secretary and the Administrator.
“(4) VACANCIES.—Any vacancy in the Board shall be filled in the same manner as the original appointment.

“(5) QUORUM.—A majority of the members of the Board shall constitute a quorum.

“(6) CHAIRPERSON AND VICE CHAIRPERSON.—The Board shall select a Chairperson and Vice Chairperson from among the voting members of the Board.

“(7) DUTY OF BOARD TO SUBMIT RECOMMENDATIONS.—Not later than 120 days after all members of the Board are appointed under paragraph (2), the Board shall submit to the Office recommendations for the following—

“(A) deploying Next Generation 9–1–1 in rural and urban areas;

“(B) ensuring flexibility in guidance, rules, and grant funding to allow for technology improvements;

“(C) creating efficiencies related to Next Generation 9–1–1, including cybersecurity and the virtualization and sharing of core infrastructure;

“(D) enabling effective coordination among State, local, Tribal, and territorial government
entities to ensure that the needs of emergency communications centers in both rural and urban areas are taken into account in each implementation plan required under section 159(b)(2)(A)(iii); and

“(E) incorporating existing cybersecurity resources to Next Generation 9–1–1 procurement and deployment.

“(8) Authority to provide additional recommendations.—Except as provided in paragraphs (1) and (7), the Board may provide recommendations to the Office only upon request of the Office.

“(9) Duration of authority.—The Board shall terminate on the date on which funds made available to make grants under section 159(b) are no longer available to be expended.

“(10) Rule of construction.—Nothing in this section may be construed as limiting the authority of the Office to seek comment from stakeholders and the public.”.

SEC. 302. TRANSFER TO NTIA OF SOLE RESPONSIBILITY FOR CERTAIN 9–1–1 IMPLEMENTATION COORDINATION FUNCTIONS.

(a) Transfer.—
(1) FUNCTIONS.—There are transferred to the Assistant Secretary all functions that on September 30, 2022, are assigned to the Administrator, or jointly to the Assistant Secretary and the Administrator, under section 158, section 159, section 160, and section 161 of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 942).

(2) PERSONNEL AND OTHER ASSETS.—The personnel, property, records, and unexpended balances of appropriations, allocations, and other funds employed, used, held, available, or to be made available in connection with a function transferred to the Assistant Secretary under paragraph (1) shall be transferred to the Assistant Secretary for use in connection with the functions transferred.

(3) AUTHORITY OF DIRECTOR OF OMB.—The Director of the Office of Management and Budget, at such time or times as the Director shall provide, may make—

(A) such determinations as may be necessary with regard to the functions transferred under paragraph (1) and the personnel, property, records, and unexpended balances of ap-
propriations, allocations, and other funds transferred under paragraph (2); and

(B) such additional incidental dispositions of personnel, assets, liabilities, grants, contracts, property, records, and unexpended balances of appropriations, authorizations, allocations, and other funds held, used, arising from, available to, or to be made available in connection with the functions transferred under paragraph (1), as may be necessary to carry out this section and the amendments made by this section.

(b) REFERENCES.—On and after October 1, 2022, in the case of any reference relating to the functions transferred under subsection (a) in any law, regulation, document, paper, or other record of the United States—

(1) if such reference is to the Administrator, or to the Assistant Secretary and the Administrator, such reference shall be deemed to be to the Assistant Secretary; and

(2) if such reference is to the National Highway Traffic Safety Administration, or to the National Telecommunications and Information Administration and the National Highway Traffic Safety Administration, such reference shall be deemed to be to the
National Telecommunications and Information Administration.

(c) SAVINGS PROVISIONS.—

(1) DOCUMENTS AND ACTIONS.—

(A) IN GENERAL.—All documents and actions described in subparagraph (B) shall continue in effect according to their terms until modified, terminated, superseded, set aside, or revoked in accordance with law by the Assistant Secretary, any officer or employee transferred under subsection (a), a court of competent jurisdiction, or operation of law.

(B) DOCUMENTS AND ACTIONS DESCRIBED.—A document or action described in this subparagraph is any order, determination, rule, grant, contract, agreement, or other document or action that—

(i) was issued, made, granted, or allowed to become effective by the Assistant Secretary, the Administrator, the Assistant Secretary and the Administrator, any officer or employee transferred under subsection (a), or a court of competent jurisdiction, in the performance of any function
that is transferred under such subsection;
and

(ii) is in effect on September 30, 2022
(or becomes effective after such day pursuant to its terms as in effect on such day).

(2) PENDING PROCEEDINGS AND APPLICATIONS.—

(A) IN GENERAL.—This section and the amendments made by this section shall not affect any proceeding or application for any benefits, service, license, permit, certificate, or grant or other financial assistance relating to the functions transferred under subsection (a) that was pending on September 30, 2022, before the Assistant Secretary, the Administrator, the Assistant Secretary and the Administrator, or any officer or employee transferred under such subsection, but such proceeding or application shall be continued. Orders shall be issued in any such proceeding, and appeals shall be taken therefrom, as if this section and the amendments made by this section had not been enacted, and orders issued in any such proceeding shall continue in effect until modified, terminated, superseded, or revoked by the Assistant Secretary,
any other authorized official, a court of competent jurisdiction, or operation of law.

(B) Substitution.—Notwithstanding subparagraph (A), on and after October 1, 2022, any proceeding or application described in such subparagraph that was pending before the Administrator, or before the Assistant Secretary and the Administrator, shall be continued as described in such subparagraph before the Assistant Secretary.

(C) Rule of Construction.—Nothing in this paragraph shall be construed to prohibit the discontinuance or modification of any proceeding or application described in subparagraph (A) under the same terms and conditions and to the same extent that such proceeding or application could have been discontinued or modified if this section and the amendments made by this section had not been enacted.

(3) Continuation of Civil Actions.—

(A) In General.—This section and the amendments made by this section shall not affect any civil action relating to the functions transferred under subsection (a) that was commenced before October 1, 2022, by or against
the Assistant Secretary, the Administrator, the
Assistant Secretary and the Administrator, or
any officer or employee transferred under such
subsection. In any such action, proceeding shall
be had, appeals taken, and judgment rendered
in the same manner and with the same effect
as if this section and the amendments made by
this section had not been enacted.

(B) **SUBSTITUTION**.—Notwithstanding
subsection (A), on and after October 1,
2022, in the case of any civil action described
in such subparagraph by or against the Admin-
istrator, or the Assistant Secretary and the Ad-
ministrator, the Assistant Secretary shall be
substituted as a party for the Administrator, or
the Assistant Secretary and the Administrator,
respectively.

(4) **NO CHANGE IN STATUS OF PERSONNEL**.—
In the case of an officer or employee who is trans-
ferred to the Assistant Secretary under subsection
(a), the officer or employee’s grade, compensation,
rate of leave, or other benefits that apply with re-
spect to such officer or employee at the time of
transfer shall not be reduced while such officer or
employee remains continuously employed in perform-
ance of the functions in connection with which such
officer or employee is transferred, other than for
cause.

(d) CONFORMING AMENDMENTS.—

(1) NATIONAL TELECOMMUNICATIONS AND IN-
FORMATION ADMINISTRATION ORGANIZATION ACT.—
The National Telecommunications and Information
Administration Organization Act (47 U.S.C. 942) is
amended—

(A) in section 158—

(i) by striking “and the Adminis-
trator” each place it appears; and

(ii) in subsection (a)(1), by striking
“of the National Highway Traffic Safety
Administration”;

(B) in section 159, by striking “and the
Administrator” each place it appears;

(C) in section 160, by striking “and the
Administrator” each place it appears; and

(2) EFFECTIVE DATE.—The amendments made
by this subsection shall take effect on October 1,
2022.

(e) DEFINITIONS.—In this section:
(1) ADMINISTRATOR.—The term “Administrator” means the Administrator of the National Highway Traffic Safety Administration.

(2) ASSISTANT SECRETARY.—The term “Assistant Secretary” means the Assistant Secretary of Commerce for Communications and Information.